Samsung Electronics DX Division
Full-Time Opportunity for International Students

Job	Position	Business	Location	Major
Circuit R&D	Circuit Design	Visual Display Business, Mobile eXperience Business	Suwon	Electrical/Electronic Eng. orother related majors
Software R&D	System Software	Visual Display Business	Suwon	Computer Science Eng.,Electrical/Electronic Eng.,Industrial Eng., MechanicalEng., Statistics, Math, Physics,or other related majors
	Artificial Intelligence	Samsung Research	Seoul	
	Artificial Intelligence	Global Technology Research	Suwon	
	Application Development	Visual Display Business	Suwon	
Mechanical R&D	Mechanical R&D	Digital Appliances Business	Suwon	Mechanical Eng. or otherrelated majors
Marketing	Product/Service Marketing	Mobile eXperience Business	Suwon	All Majors
Global Sales	B2C Sales	Visual Display Business, Mobile eXperience Business	Suwon	All Majors
	B2B Sales	Digital Appliances Business, Networks Business	Suwon	

Circuit R&D

Design circuits that meet the requirements and the characteristics of each product by understanding each function's HW block



Visual Display Business(Suwon)

Circuit R&D - Circuit Design

Job Overview

Focus on researching and designing circuit and signal elements for display(TV/EB) and AV products based on expertise in electrical and electronic engineering.

Job Details

- Design/verify circuits that meet the requirements of various products such as TVs, monitors and signage.
- Optimize low-power designs by balancing display circuits, wired/wireless communication modules (Wi-Fi/BT), camera/sensor modules, power systems (SMPS, battery), and various display products.
- Enhance product image and sound quality through AI and differentiated algorithms.
- Analyze, process, compress, and transmit various video/audio signal formats.(multimedia, broadcasting, etc)

Requirements

- Knowledge of electronic devices, their composition and operation principles, and skills in electrical/electronic/digital circuit design.
- Majors in materials, chemistry, physics (applied physics - optics, color), or related fields.
- Those with foundational knowledge in circuit design, PCB design, or optics/illumination.

Preferences

- Expertise in using equipment and tools related to circuit development.(Oscilloscopes, Spectrum Analyzers, Signal Generators, Mentor/Cadence/FPGA, etc.)
- Experience in developing various light sources/optical components and applications related to displays, as well as expertise in display quality evaluation.
- Those with the necessary skills for digital and analog circuit design

Career Vision

We offer the opportunity to grow as a circuit design expert with global #1 TV specialists, gain experience in AI-driven advanced technology development, and build expertise in next-generation display products.

> **"Join us to lead the innovation of next-generation display products"**
>
> You can enhance your capabilities through researching&developing next-gen. display products. If you aspire to grow as a circuit design expert for the global market's No. 1 TV, do not hesitate to apply!

Mobile eXperience Business(Suwon)

Circuit R&D - Circuit Design

Job Overview

You will design and optimize circuits and systems for MX Business's devices to meet performance requirements. You will also ensure device reliability and completeness throughout development.

Job Details

- Develop and advance digital and RF circuit designs according to product requirements.
- Design high-speed signal and power circuits and develop efficient layouts (Artwork).
- Verify circuit performance and reliability, manage mass production, and conduct issue analysis.
- Develop and optimize interfaces between digital circuits, modules, and RF circuits.

Requirements

- Knowledge or experience in electrical engineering, telecommunications engineering, RF, or system design
- Programming skills in Python/R, and experience with AI-driven test automation
- Strong understanding of RF, signal transmission, impedance matching, and noise analysis
- Proficiency in PCB design tools and various simulation design and validation tools

Preferences

- Deep knowledge of mobile and similar electronic product circuit design (analog/digital)
- Experience in analyzing and debugging electronic circuits, ESD, and EMI/EMC
- Strong proficiency in simulation tools (SPICE, CST, HFSS, etc.), CAD, and Mentor
- Experience in signal analysis and circuit optimization using AI simulation and data analysis tools
- Strong proficiency in software tools such as Python for AI modeling and operation

Career Vision

Flagship product development, in-house research, and patent filing will shape you into a core mobile engineer. Bridging software and hardware will make you a leader in the IT industry.

> **"Together with Galaxy, create the most powerful hardware innovation"**
>
> We are looking for people with creative ideas and passion.
> Fresh thinkers who aim for the highest standards are always welcome here.
> If you are ready to grow in a fast-changing environment, we want to hear from you.

Software R&D

Develop emerging software technologies to deliver innovative products and solutions driven through creative and analytical thinking



Visual Display Business(Suwon)

Software R&D - System Software

Job Overview

Develop device and system software for various screen devices. Focus on optimizing the stability and performance of high-quality display products to lead the next generation of display technology.

Job Details

- Propose and develop new product ideas through research on the latest display technologies.
- Develop core software that serves as the foundation for high-quality display products.
- Collaborate with relevant departments to optimize product performance and enhance quality.
- Manage project schedules and resource allocation, and seek solutions in case of issues.

Requirements

- Background in Computer Science, Electrical/Electronics Engineering, or related fields
- Proficient in English, capable of conducting overseas research and communication
- Possess strong teamwork and collaboration skills

Preferences

- Experience in Linux system development
- Experience in development related to image quality, panels, sound, and multimedia
- Full-stack development experience ranging from drivers to applications and mobile platforms

Career Vision

At the forefront of cutting-edge technology, we offer opportunities to lead innovation.
Additionally, through diverse projects, you can gain practical experience and enhance your expertise, and grow into a globally recognized professional.

> **"Development of Key Software to Differentiate High-Quality Display Products"**
>
> At the forefront of developing the world's first New Form Factor, we are seeking talented individuals who can lead the process of transforming creative ideas into market-ready products. If you are eager to see your ideas come to life, do not hesitate to apply!

Samsung Research(Seoul)

Software R&D - Artificial Intelligence

Job Overview

Samsung Research conducts research on AI technologies to enhance usability and productivity of DX division products and services. Leveraging expertise in AI, we drive new innovation by adopting cutting-edge AI technologies for DX division.

Job Details

- Research AI models to improve usability and productivity of DX products
- Research multimodal AI technologies that connect various modalities
- Research foundational technologies to enhance usability of generative AI models
- Research Agentic AI technologies for autonomous problem-solving
- Research Foundation AI models (VLM, VLA) for DX products and services
- Research model optimization and lightweight algorithms to deploy AI on-device
- Research solutions to provide personalized services utilizing generative AI models

Requirements

- A degree in AI-related majors such as Artificial Intelligence, Machine Learning, Natural Language Processing, Computer Vision, etc.
- 1+ year of research experience in AI-related fields (academia)
- Research experience in cutting-edge AI technology areas such as AI Agents, Generative AI, LLMs, Multimodal Learning, etc.
- Hands-on implementation experience using major AI frameworks such as PyTorch, TensorFlow, JAX, etc.

Preferences

- Experience in publishing academic papers and presenting papers at international academic conferences
- Experience in analyzing and implementing the latest AI papers
- Experience in developing/commercializing services utilizing AI models

Career Vision

Opportunity to grow as an AI specialist, applying AI to various products and services
Opportunity to cover the entire spectrum of AI technologies from core to on-device

> **"Be the driving force of Samsung AI"**
>
> You will have the opportunity to build AI that delivers real value to users.
> Please join us if you wish to gain experience with wide range of AI technologies
> from Cloud to On-Device

Global Technology Research(Suwon)

Software R&D - Artificial Intelligence

Job Overview

Develop AI-based computer vision and industrial robot software for AI-Driven Factory at Samsung Electronics, and include machine learning, deep learning and Vision-Language Models (VLMs)

Job Details

- Utilize AI technology to analyze and preprocess data for real-time classification of products as good/defective
- Improve and optimize performance through the integration of various Vision AI models
- Develop UI/UX for industrial robot controllers and S/W for robot operation solutions
- Develop image-processing and AI application technologies for robot operational performance
- Develop object-recognition and AI technologies through 2D/3D image and video processing
- Develop real-time remote control (monitoring, path management, traffic control), scheduling, and simulation-based optimization models for mobile robots using AI

Requirements

- Problem-solving skills in programming languages (C, C++, Python, etc.), operating systems, and web programming
- Background in computer science, robotics, electrical/electronic engineering, or a related field.
- Experience with projects related to deep learning or image processing.

Preferences

- Possesses project execution skills utilizing both software and hardware platforms
- Fluent in a foreign language(English, etc.) to communicate effectively
- Capable of analyzing software structures and designing architectures

Career Vision

Opportunities to grow as an expert in vision technology and next-generation AI fields.
Additionally, experience in developing software for industrial robots can enhance software design and development capabilities, leading to growth as a robotics expert.

> **"Become an AI and Robot S/W expert, recognized on the global stage"**
>
> If you aspire to grow as a global Vision AI and Robot S/W expert, we encourage you to apply.
> The future of the AI-Driven Factory and global manufacturing environment awaits you.

Visual Display Business(Suwon)

Software R&D - Application Development

Job Overview

Elevate the user experience to a higher level and maximize the value of the products through developing and differentiating strategic apps like Home UI, OOBE and core apps such as accessibility.

Job Details

- Develop and enhance product differentiation apps and improve user experience (UX) to strengthen the competitiveness of the product.
- Implement smart user environments through app development utilizing AI technology and design future-oriented user experience solutions.
- Oversee and lead the overall management of projects, proactively identify potential risks, and effectively manage them to ensure smooth project execution.

Requirements

- Bachelor's degree or higher in a software-related field or equivalent professional experience
- Programming capabilities across multiple programming languages
- Fluent in communication, enabling seamless interaction and collaboration with international personnel
- Strong teamwork, collaboration, and effective communication skills

Preferences

- Proficient in programming languages (C++, C#, Java, WPF, etc.)
- Skilled in understanding UX guidelines and experienced in Frontend development
- Experienced in Embedded Software development

Career Vision

Visual Display Business, which leads the global market with innovative technology and differentiated services, offers the opportunity to revolutionize the user experience of products through the development of core applications.

> **"We invite creative and ambitious individuals to join us"**
>
> We welcome those who are unafraid of change and innovation, and possess a unique approach to problem-solving. We eagerly anticipate the challenges from capable individuals who are ready to shape the future with us.

Mechanical R&D

Design models suitable for the required function/performance of products
analysis and resolution of problems



Digital Appliances Business(Suwon)

Mechanical R&D

Job Overview

Analyze and diagram the features, design, and components of home appliances such as refrigerators, washing machines and air conditioners. From a mechanical engineering perspective, you will identify key issues and derive optimal solutions. Your work will be fundamental to enhancing product performance and reliability.

Job Details

- Translate designs into high-quality, mass-producible products through structural and component design.
- Develop low-vibration, low-noise designs through structural, vibration, and dynamic analysis of key sources.
- Drive optimal design using CAE, CFD, motion, and cycle simulation data.
- Design innovative operating mechanisms and motion systems that maximize UX.
- Design thermal-fluid systems to implement optimal control algorithms.
- Design components that optimize both energy efficiency and performance.

Requirements

- Strong academic background in mechanical engineering fields
- Solid understanding of mechanical/thermal-fluid design, measurement, and drive/control systems

Preferences

- Design proficiency using mechanism development software (e.g., NX, CATIA, SolidWorks)
- Simulation design capability in thermal-fluid, structural, and dynamic analysis
- Experience in authoring SCI-indexed papers or filing patents related to the position
- Experience in extracurricular or external activities relevant to the position

Career Vision

You will have the opportunity to grow into an expert engineer who develops key home appliance devices from mechanical, design, and performance perspectives — leading the entire process from core component design to future-oriented advanced technologies.

> **"We are looking for mechanism experts — the core of the home appliances closest to our everyday lives."**
>
> We are looking for talented engineers who will play a key role in developing innovative home appliances and lead a vision for smart living. If you want to shape the future of home appliances that lead the global market, please do not hesitate to apply.

Marketing

Deliver differentiated product value through effective communication to raise brand value based on sensing of the market



Mobile eXperience Business(Suwon)

Marketing - Product/Service Marketing

Job Overview

This position is responsible for planning and launching differentiated experiences and services for MX Business's devices (Smartphone, Watch, Buds, Tablet, etc.). Through effective marketing communication strategies with customers, you will enhance business performance and strengthen the company's brand value.

Job Details

- Execute marketing communication strategies including brand management and new product launches.
- Establish online and digital marketing strategies and develop campaigns.
- Plan launching events, exhibitions, promotional activities, and video content.
- Identify market opportunities through analysis of market, consumer, competitor, and technology data to establish product strategies.

Requirements

- Foreign language skills for communicating and presenting to overseas subsidiaries and customers
- Ability to analyze market conditions and trends based on diverse channels and data
- Understanding of consumer lifestyle, purchase behavior, and consumer insights
- Strong knowledge of latest technology trends and emerging cultural trends including Gen Z

Preferences

- Background in marketing and communications, or equivalent professional expertise
- Strong understanding of device technologies including Smartphone, Watch, Buds, and Tablet, etc.

Career Vision

You will gain diverse marketing experience through brand improvement strategies, positioning development, communication execution, and campaign deployment. Through consumer and trend analysis, you will develop into a product planning and business strategy expert. Additionally, you will grow as a marketer leading the IT industry by creating new trends.

> **"If you are passionate about embracing challenges in new fields"**
>
> We are looking for people with creative ideas and passion.
> Fresh thinkers who aim for the highest standards are always welcome here.
> If you are ready to grow in a fast-changing environment, we want to hear from you.

Global Sales

Establish sales strategy to maximize sales based on analysis of customers/markets and suggest products to meet customer demand



Visual Display Business(Suwon)

Global Sales - B2C Sales

Job Overview

Based on a deep understanding of customers and the market, we develop product, sales, and distribution strategies for TVs, Monitors, and Sound Devices. Our focus is on expanding revenue and enhancing our leadership position within the market.

Job Details

- Based on the analysis of market demand and sales data in the assigned regions and countries, develop and implement short- to medium-term sales strategies (product, distribution, pricing, and marketing).
- Identify new markets, expand the scope of sales activities through collaboration with other industries, and maximize the sales of new growth-driving products.
- Manage the sales plan and progress of the subsidiary and support operational improvement activities for subsidiaries.

Requirements

- Proficient in English to facilitate smooth communication with overseas personnel
- Proactive and possessing a high level of understanding of global cultures (e.g., Latin America, Middle East, India, China, etc.)
- Possessing strong teamwork and collaboration skills

Preferences

- Internal and external activity experience related to overseas sales positions
- Proficiency in a second foreign language (e.g., specialized languages)

Career Vision

As an overseas sales specialist, you can develop expertise in the language, culture, and market of your assigned region, creating region-specific sales strategies. As a Samsung Electronics overseas sales representative, you will be deployed to subsidiaries worldwide to drive sales expansion and grow as a global talent.

> **"Become a global talent with the Global No. 1 TV"**
>
> We are seeking talented individuals with bright and flexible thinking. If you are passionate about pursuing your dreams and ambitions within the Visual Display Business, do not hesitate to apply!

Mobile eXperience Business(Suwon)

Global Sales - B2C Sales

Job Overview

Based on your understanding of MX Business's customers, markets, and products, you will analyze market demand and the competitive landscape. You will set targets and sales strategies by country and account (carriers, dealers). You will also identify new products and channels to grow revenue.

Job Details

- Analyze channel trends, coordinate account promotions, and develop online strategies.
- Manage SCM-based supply and channel inventory while tracking revenue, profitability, market share, and progress against targets.
- Set price positioning from competitor analysis, propose new products, and manage development schedules.
- Set sales targets and strategies based on market demand, internal data, and competitor data.

Requirements

- Ability to analyze data and draw meaningful conclusions
- Foreign language skills for smooth communication with overseas subsidiaries and accounts
- Proactive drive in emerging markets and strong cross-cultural understanding

Preferences

- Experience analyzing market and customer data to build strategies, or activities related to international sales
- Keen awareness of electronics trends and solid knowledge of MX Business's products
- Conversational ability in a second foreign language

Career Vision

Field experience will help you grow into a sales professional who leads the mobile market. Working with major accounts worldwide will build your global communication skills. Involvement across the full cycle, from planning to point of sale, will develop your business management capabilities. Experience across diverse markets will deepen your insight into local consumers and channels, helping you grow into a global business professional.

> **"If you want to grow into a leader in the global mobile business"**
>
> We are looking for people with creative ideas and passion.
> Fresh thinkers who aim for the highest standards are always welcome here.
> If you are ready to grow in a fast-changing environment, we want to hear from you.

Digital Appliances Business(Suwon)

Global Sales - B2B Sales

Job Overview

Develop B2B(Business To Business) sales strategies for home appliance products based on a comprehensive understanding of the global market and partners. The main goal is to expand sales revenue and enhance brand leadership in the global market. This role is crucial in driving the growth of our B2B business.

Job Details

- Analyze market and partner characteristics, industry trends, and the competitive landscape in assigned regions to develop B2B sales strategies and product portfolio strategy that maximize revenue and profitability.
- Collaborate with local subsidiaries to support operations for timely product supply, manage and improve execution plans and progress based on established sales strategies.
- Identify new B2B business opportunities, develop and execute such plans to expand the partner network.
- Analyze market data and competitor trends to review our positioning, integrating the findings into our sales strategy and product lineup operations.

Requirements

- Ability to conduct global research and communicate in English.
- High level of cross-cultural understanding.
- Proactive and enterprising attitude and a strong willingness to pioneer new areas.
- Analyze problems based on data, organize them logically, and communicate them effectively.
- Ability to collaborate effectively with diverse stakeholders to drive initiatives forward

Preferences

- Experience in internal and external activities related to the job.
- Proficiency in a second foreign language in addition to English.

Career Vision

Gain practical B2B sales experience, including home appliance industry expertise and subsidiary management.
Build global sales expertise through overseas assignments, driving revenue growth and brand leadership in local markets.
Develop data-driven decision-making skills by analyzing global markets and competitors to turn insights into actionable strategies.

> **"If you aspire to become a B2B sales leader"**
>
> We are seeking passionate individuals with creative thinking, strategic mindset, and execution abilities. If you want to perform on the global stage with innovative products and technologies, please do not hesitate to apply.

Networks Business(Suwon)

Global Sales - B2B Sales

Job Overview

Analyze the global network market to identify customized solutions for each customer,
establish optimized sales strategies and sales goals, and contribute to maximizing revenue and profit.

Job Details

- Analyze market/competitors to explore new business opportunities.
- Perform tasks such as identifying customer requirements, strategic negotiation, and contract conclusion.
- Develop customized proposal strategies for each region and customer, based on technology and products.
- Propose technology solutions reflecting technology trends and manage acquisition/contracts.
- Establish and execute global marketing strategies.

Requirements

- Foreign language conversation skills for communication with overseas corporations/customers
- Understanding of global culture and an open-minded attitude
- Challenging spirit for discovering new markets

Preferences

- Understanding and interest in the network market
- Ability to analyze markets/trends (understanding market trends, data analysis)
- Degree in electrical/electronic engineering or a related field
- Experience in internal and external activities related to the job
- Secondary language conversation skills

Career Vision

You can grow into a B2B sales expert who leads business expansion through on-site experience in the global market.
Through understanding of products, technology, and various B2B customers, you can grow into sales leader who proposes innovative business models.

> **"If you want to know everything about B2B sales"**
>
> We are changing the map together with major telecom operators around the world.
> We are looking for strategists who will expand our network territory with excellent insights.