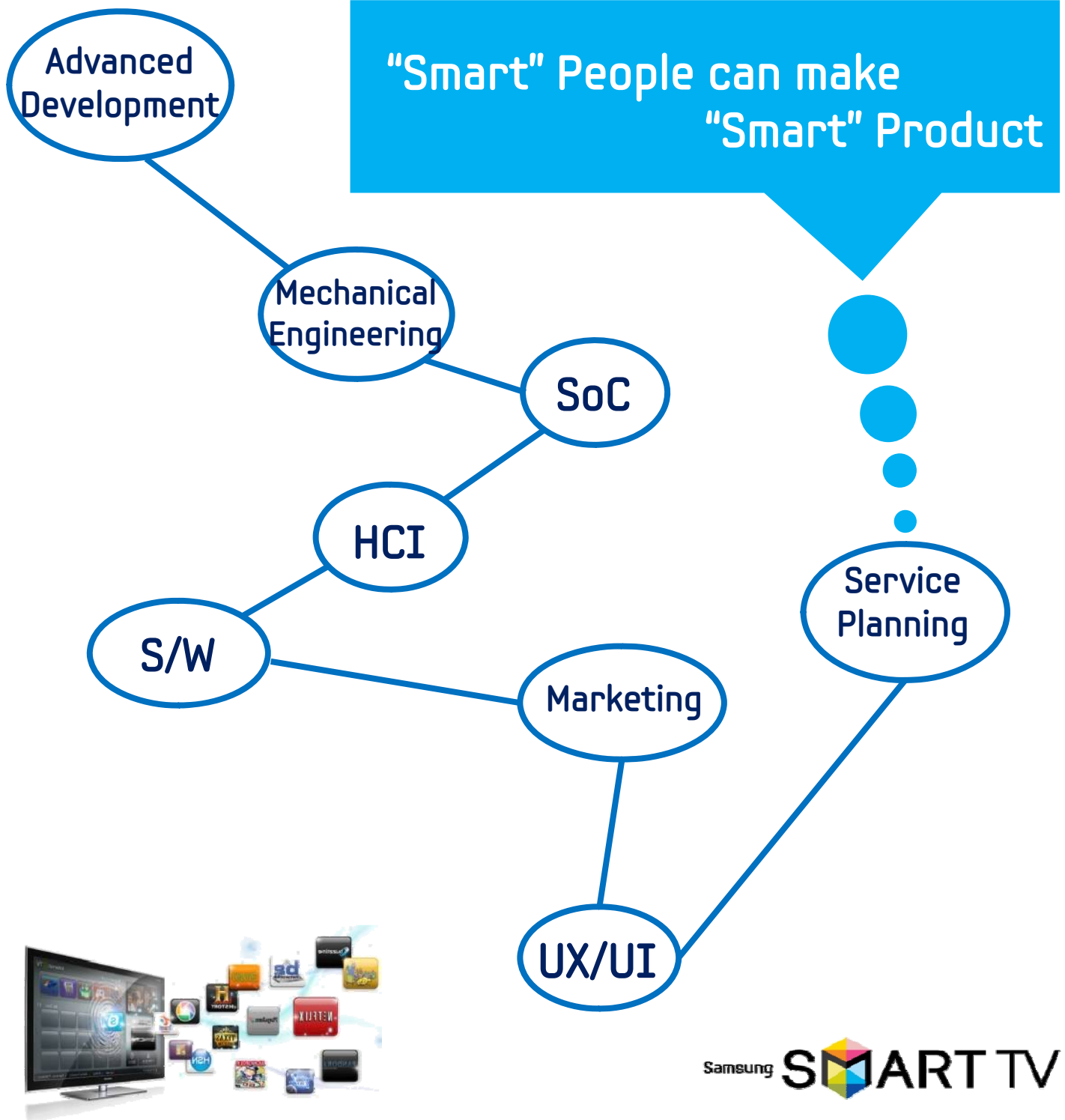


Samsung Electronics Visual Display Business

- Recruitment Sector -



Samsung Electronics Visual Display Business

- Recruitment Sector in R&D-

Advanced Development

- Audio

- Acoustic processing technology
 - . Virtual Surround
 - . Speech Enhancement
- Speech Recognition Technology
 - . AM/LM Trainer, Decoder, NLP
- . Server-based ASR system

- Analog Circuit design Engineer

- Analog sensor Application circuit design
- Magnetic Field analysis & Anti-Gauss design
- High-Speed Serial Interface design

- Sensor Applications

- MEMS/NEMS System integrated circuit Design & Application
- Human Sensor & Actuator
- Sensor & Image Combine Application

- Image Processing

- VHDL/Verilog coding & FPGA Design
- Computer Vision Algorithm Design

- Picture Quality Development

- 3D Human Factor development
- Picture Quality Tuning based on Panel Characteristic

- 3D Display

- Optics & Display elements

- Wireless

- Bluetooth, ZigBee and Wi-Fi technology
- High-speed signal Interface
- Antenna Design & Analysis
- Modem/Mac/BB
- Network topology (Wired/Wireless Network)
- Home Network

"Augmented Reality Algorithm"

"3D Display S/W"

Samsung **SMART TV**

"Smart" People can make "Smart" Product

Samsung Electronics Visual Display Business

- Recruitment Sector in R&D-

- Mechatronics Research engineer
 - Structural / Thermal / Noise Analysis & Design
 - Polymer Engineering
 - Molding Engineering

Mechanical
Engineering

SoC

- SoC design Engineer
 - Architecture design for Embedded CPU/BUS/DSP
 - RTL-level Design for AV codec and Video Processing
 - Verification Methods and Technics
 - Embedded 2D/3D Graphics Engine
 - High-Speed Serial Interface
- 2D and 3D Signal Processing Algorithm
 - 2D and 3D Image Enhancement
- Chip-level SW Engineer
 - Linux Kernel Driver
 - Device Driver
 - Application Program Interface for Audio/Video codec, GUI and various multimedia application

- Sensor Processing Engineer
 - Sensing & Sensor Fusion Signal Processing
 - Sensor-based User Interface
 - Sensor-based Application

- Image, Voice Processing Engineer
 - Computer Vision, 3D digitization, 2D/3D Motion Tracking
 - Image Processing : Object Recognition/Localization, Image Interpretation
 - Camera ISP Programming
 - Acoustic Signal Preprocessing : Beam forming, Noise Cancelling

- Embedded Software Engineer
 - Performance Profiling, Optimization on Linux
 - SIMD/DSP programming

- Semantic Processing Engineer
 - Machine Learning & Inference
 - Semantic Web

HCI

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- Recruitment Sector in R&D-

- OS Kernel Programming
 - Distributed Real-time and Embedded Systems (DRE)
 - Advanced Systems Programming
 - Embedded System Design, Analysis, and Optimization
 - Linux Device Driver Programming
 - Linux Kernel Programming
 - Android Device Driver Programming
 - RTOS Device Driver Programming
- Cloud computing
 - Cloud security
 - Virtualization of HW resources/SW resources
 - Application Cloud
 - Cloud computing Architecture
 - Service-Oriented Architecture in Cloud computing
 - Service as a Service
 - Platform as a Service
 - Infrastructure as a Service

S/W

S/W

- Network
 - Network Topology
 - New protocols (Thunderbolt, etc.)
 - Ubiquitous sensing/computing
 - Wireless communication
 - Near Field communication (NFC)
- Human-Computer interaction
 - Speech recognition
 - Game programming
 - Gesture recognition (vision, sensors)
 - Subliminal state detection
(e.g. facial expression detection)
 - Augmented Reality/Virtual Reality/Markerless AR
 - 3D User Interfaces
 - Artificial Intelligence
 - Firmware Programming

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- Recruitment Sector in R&D-

S/W

- Computer Graphics
 - Algorithmic Modeling and animation
 - Image Compression
 - Video streaming (Variable streaming, Download DRM)
 - Parallel graphics and visualization
 - Interactive 3D Graphics and Games
 - Interactive Media and Effects
- Software Engineering
 - Multicore SE
 - Cooperative and Human aspects of SE
 - Secure System SE
 - SE for cloud computing
 - Automation of Software test
 - Sharing and reusing architectural knowledge
 - Refactoring tools and engineering

- Semantic Web
 - Ontology (Domain/Device/Functions)
 - Parallel Query Optimization
 - Web protocol
 - Parallel Parsers (HTML5, XML)
 - Javascript engine
 - Machine Learning
 - Contemporary Web Services and Web architecture
- Information techniques
 - Optimized Video Streaming
 - Ranking and information retrieval
 - Search Engine Optimization
 - Content Search (Visual search, Compression
 - Multimedia Communication over the Internet
 - Web search & Datamining (CRM)
 - Mobile search
 - Social search

S/W

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Samsung Electronics Visual Display Business

- Recruitment Sector in Marketing-

- 제품군 (TV / AV / Display)별 및 지역별 최적 Line-up 전략 수립
- 신규 차별화 솔루션 발굴 및 상품화 지원
- 차년도 / 중장기 제품전략 수립 및 로드맵 작성
- 제품군 (TV / AV / Display)별 가격 전략 수립 및 실행
- 해외 법인 및 주요 유통 채널과 상시 협의 실시

Product Planning & Strategy

Overseas Business

- 해외 법인별 판매 지원
- 국가별 Model Mix 관리, 최적 Line-up 구성
- 국가별 판매전략 수립 및 지원
- 시장 및 경쟁사 상황을 고려한 본사 공급가격 / 현지 판매가격 전략 수립

- Product Positioning 발굴을 위한 소비자 Insight 분석
- Positioning 방향에 대한 소비자 검증 조사
- 마케팅 커뮤니케이션 전략 수립을 위한 소비자 Insight 분석
- 주요 Communication Activity에 대한 사전 / 사후 효과 분석

Market Sensing (MI)

Brand Management

- 제품군 (TV / AV / Display)별 對소비자 커뮤니케이션 전략 수립 및 실행 (ATL / BTL)
- 신모델의 지역별 런칭 일정 관리 및 display 계획 수립
- 신기술의 Sales Point를 소비자 언어화하여 마케팅 커뮤니케이션 콘텐츠 제작

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- Recruitment Sector in Marketing-

UX/UI Strategy

- UX 리서치 및 인사이트 도출
- Platform UX 전략 및 로드맵 작성
- 신규 UX 시나리오 및 컨셉 개발
- 선행 GUI 디자인

Smart TV Service Planning & Business Strategy Development

- 스마트 TV 전략 수립 및 Business Model 발굴
- 차별화 콘텐츠 서비스 기획 및 지역 콘텐츠 서비스 전개
- 중장기 콘텐츠 서비스 로드맵 구축

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