

Chanran Kim

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EDUCATION

Sookmyung Women's University <i>Bachelor of Artificial Intelligence Engineering (GPA 4.41 / 4.5)</i> <i>Bachelor of Big Data Engineering</i>	Seoul, South Korea Mar. 2023 – Present
California State University, Fullerton <i>Computer Science</i>	California, United States Aug. 2024 – May 2025

TECHNICAL SKILLS

Languages: Korean(Native), English(OPIc Exam: Advanced Mid)
Tools: Notion, Microsoft Office, Figma, Google Docs
Technologies: Python, Java, C/C++, Svelte, React, MySQL, Tailwind CSS, SpringBoot
Developer Tools: Git, Git Desktop, Figma, VS Code, Visual Studio, Eclipse, Android Studio

EXPERIENCE

Hackathon Organizer <i>Sookmyung Women's University</i>	Sep. 2023 – Dec. 2023 <i>Seoul, South Korea</i>
<ul style="list-style-type: none">Conducted a hackathon whose size of the award is \$1400+ with 50+ participants from other universities in SeoulLed communication efforts with various faculty and sponsors to achieve \$2800+ budgetPlanned, promoted the events, and also served as Finance part writing budget for the items needed for the festival	
IT Assets Manager <i>Sookmyung Women's University</i>	Mar. 2024 – Aug. 2024 <i>Seoul, South Korea</i>
<ul style="list-style-type: none">Communicated effectively with 35+ members and performed tasks as a member of the school's leadership groupContinuously managed IT assets such as homepages and assignment submission pages for students at schoolBeta tested AI chat bot that 12,000+ students use on school web homepage and improved the performanceReceived inquiries from students about the school's IT assets and communicated with staffs about the problems	
ACM OpenSourceSoftware Officer <i>California State University, Fullerton</i>	Jan. 2025 – Present <i>California, United States</i>
<ul style="list-style-type: none">Held regular meetings with 12 members as an officer of the largest CS community at schoolHosted 10+ workshop sessions, having 30+ students learn topics such as SvelteKit and Git usageContinually maintained and managed the club's official website, acmcsuf.comResolved multiple issues on GitHub for the webpage, added new features, and deployed version 9.0 of acmcsuf.com	

PROJECTS

Enhanced Diary App <i>Java, Python, Android Studio, Git, Spotify API</i>	Apr. 2024 – May 2024
<ul style="list-style-type: none">Won 1st place at 2024 IPS (IT/AI Project Competition Sookmyung)Used Spotify API to develop a song recommendation system that fits the atmosphere of the diaryDeveloped over existing apps by using artificial intelligence to visualize connected memories of the diaryCollected 110,000 open-source AI datasets from AI-HUB and preprocessed them to achieve a final accuracy of 0.97	
AI/DL Powered ASL Transcriber <i>Tensorflow, OpenCV, MediaPipe, Flask, Socket.IO</i>	Apr. 2025
<ul style="list-style-type: none">Awarded "Most Technical Project" among 400+ student submissions for excellence in technical implementationBuilt a real-time American Sign Language (ASL) recognition web applicationTrained a CNN model to classify ASL signs from webcam input and integrated it into a live web interfaceDesigned a futuristic UI/UX with animated backgrounds, section dividers, and a dynamic team profile	
Anomaly Detection Model for Arbitrage Trading <i>Python, Pandas, Numpy, Matplotlib</i>	Aug. 2025
<ul style="list-style-type: none">Collected 1-minute interval and tick data for each crypto and captured anomalies using a rolling window approachDeveloped a rule-based outlier detection model leveraging Z-score and IQR methodsOptimized model parameters via Grid Search by maximizing correlation between anomaly scores and volumeVisualized anomalies on graphs by deriving a composite anomaly score with a defined threshold	