

# Chanran Kim

+82 010-2259-6048 | shining04@sookmyung.ac.kr | [www.linkedin.com/in/chanran-kim1229](https://www.linkedin.com/in/chanran-kim1229) | <https://github.com/isliese>

## EDUCATION

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

## 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

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

## PROJECTS

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