Seung-Gu Lee

Passionate computer science student with various software project experience and well-developed teamwork and communication skills seeking for a software engineering internship for Summer 2023.

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🌐 https://sgl.dev/
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🎓 Education

University of Michigan - Ann Arbor, MI   Aug. 2022 - Apr. 2025
Bachelor of Science in Engineering in Computer Science
- Coursework: Programming & Data Structures, Discrete Math, Robotics Mechanisms, Differential Equations
- GPA: TBD

Kansas Academy of Math and Science (KAMS) - Hays, KS   Aug. 2020 - May 2022
High School Diploma
- Coursework: Data Structures, Foundations of Computing, Web Applications, Intro to CS, Linear Algebra, Calculus 1-3
- GPA: 4.0 / 4.0

💼 Work Experience

DesignOC - Seoul, South Korea   Jun. 2020 - Jul. 2020
Intern, Web Development
- Maintained and upgraded the company website to effectively convey up-to-date information and help attract attention to the company's unique portfolio
- Gained experience working with a company, collaborating with others and meeting deadlines

🖥 Project Experience

KAMS Hub   Nov. 2021 - Jul. 2022
Developer
- Developed an online learning management system for the school with JavaEE & MySQL and deployed it on AWS EC2 CentOS (Linux) instance with an aim to automate redundant tasks and improve administrative efficiency
- Communicated with university officials to meet their needs

Hexagon Defense   Feb. 2020 - Jun. 2021
Lead Developer
- Designed and programmed the video game with Unity/C#, incorporating multiple APIs and SDKs
- Communicated with various companies to publish the completed game on Nintendo Switch & Google Play, reaching to over 1,000 unique users in the first month

🎨 Skills

- **Development**: Java, C++, JavaScript, HTML/CSS, MySQL, Unity/C#
- **Tools**: Notion, MS Office, Google Workspace, Git/Github
- **Graphics**: Adobe Photoshop & InDesign, Figma
- **Interpersonal**: Teamwork, Communication, Leadership, Listening, Problem-solving

🧩 Activities

Tech for Social Good - *Software Developer*   Sep. 2022 - present
- Developing a mobile application for Maize and Blue Cupboard with Flutter and Firebase to help with the university food bank to reach to more people in need

Michigan Hackers - *Web Team Member*   Jan. 2022 - May 2022
- Actively participating in weekly meetings to learn and get hands-on experience with various web technologies

Vex Robotics - *Programmer & CAD designer*   Jan. 2022 - May 2022
- Engineered the code for the robot and designed the CAD model for a component, building a award-winning robot in the TEECA national competition

Custer Hall Council - *Programming Chair*   Sep. 2020 - May 2022
- Organized and executed entertaining activities for hall residents to enjoy

Creative Collaboration Association - *Founder/President*   Aug. 2019 - May 2020
- Oversaw the club and directed club meetings
- Coordinated community service events to support the local community and for team bonding