Hayoung Ryow

Aspiring Front-End Software Engineer
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EDUCATION

Santa Clara University   **Santa Clara, CA**

B.S. in Computer Science, Minor in Mathematics & Graphic Design   *Expected June 2026*

- Emphasis: Algorithms & Complexity
- Relevant Coursework: Theory of Algorithms, Data Structures, Web Development, Object-Oriented Programming (C++)

SKILLS

Programming Languages: Python, C/C++, HTML/CSS, Javascript, React.js
Technical Skills: Adobe Photoshop/Illustrator, Figma, Canva
Languages: Korean (conversational), Chinese (elementary), Indonesian (elementary)

PROJECTS

WebCrack - Hackathon Finalist   *Feb 2024*
Front-End Developer

- Programmed a Google Chrome extension in Javascript, React.js, LangChain, and ChatGPT API designed to scan articles for potential bias, improving ESL students' media literacy
- Prototyped and designed accompanying product website in HTML, CSS, Procreate, and Figma
- Developed brand identity by creating custom logo designs and animations in Procreate

Social Network   *Sept 2023 - Dec 2023*
Individual Project

- Developed a social network in C++ & QT, utilizing a graph implementation to enable user connections with friend suggestions and posting functionality, resulting in enhanced user engagement and interaction

EXPERIENCE

EPIC IoT Dashboard   *Oct 2024*
Front-End Developer

- Collaborated on the development of an IoT dashboard for SCU's Ethical, Pragmatic, and Intelligent Computing (EPIC) Lab using React.js and Node.js

LEADERSHIP

Daybreak KPOP Dance Crew   **Santa Clara, CA**
Co-Chair, Events Coordinator   *Sept 2022 - present*

- Facilitated the planning and execution of annual showcase with over 300 attendees
- Improved team morale, driving a 200% membership increase
- Coordinated performances and cover filmings, amassing over 33K total views