

JAE HUN CHO

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EDUCATION

University of California, Santa Cruz

Sept. 2021 - June 2023

Bachelor of Science, Computer Science

- Scholarship: UCSC Regent Scholarship Recipient

- Awards: CruzHack 2023 2nd place

- Relevant Courses: Data Structure & Algorithm, Intro to Data Management, Principle of System Design, Web Development

EMPLOYMENT

IBM

June 2022 - Dec. 2022

Software Engineer Co-op

San Jose, CA

- Developed and deployed an alert system that actively performs health checks on 150+ IBM Db2 instances.

- Revamped the UI for latency and throughput charts from the replication page in IBM Data Management Console, leading to a 25% increase in user engagement and optimizing data replication visualization for 100K monthly users.

- Identified and resolved 50+ networking challenges from unexpected Backend API payloads, enhancing system stability by 20%.

- Implemented automated test scripts in JSON and established a CI/CD pipeline with Jenkins, achieving a 40% reduction in testing time.

Tech4Good

Jan. 2022 - June 2022

Front End Developer

Santa Cruz, CA

- Led the design and development of Tech4Good Lab's website landing page, employing TypeScript and SASS to craft distinct page segments.

- Revamped the personal info card for Tech4Good Lab's officers, optimizing avatar settings and integrating social media links, resulting in a 20% surge in profile views.

- Crafted 5 modular UI components for the website's landing page using AngularJS.

- Earned distinction as the standout developer in Spring 2022, consistently delivering tasks ahead of time and providing technical support to team members.

SE Technology

June 2021 - Sept. 2021

Software Engineer Intern

Seoul, South Korea

- Played a key role in developing a new community page for SE Lab V2.0, a design tool catered to system engineers, significantly enhancing the platform's functionality.

- Managed to minimize a development time up to 50% by effectively integrating Toast-UI Editor for community post implementation, while utilizing React and Redux for seamless page design.

- Boosted user login performance by 20% through efficient backend integration using Node.js and MongoDB Atlas, improving overall user experience.

PROJECTS

Resume Wizard

Jan. 2023 - July 2023

- Enhanced the AI-driven professional resume builder application through seamless integration with OpenAI API.

- Architected a single-page application using TypeScript and SvelteKit, allowing real-time streaming of AI-generated results directly into the user interface.

Who's Next

Mar. 2023 - June 2023

- Developed "Who's Next?", a captivating mobile game in the assassin genre, which challenges players to strategically eliminate opponents within a designated area.

- Leveraged Dart and Flutter to craft a dynamic and immersive user experience, taking full advantage of the rich widget library and StreamBuilder to enhance gameplay.

SKILLS

PROGRAMMING LANGUAGE: Java, C/C++, Python, Javascript, HTML/CSS, Typescript, Dart

FRAMEWORK: React.js, Vue.js, SvelteKit, Angular.js, BulmaCSS, MaterialUI, TailwindCSS, Three.js, Flask, BeautifulSoup, Node.js, Express.js, Flutter, SkeletonUI, Next.js

DEVELOPER TOOLS: Google Cloud Platform, Vercel, Netlify, Git, Figma, Firebase, Py4Web, MongoDB Atlas, PocketBase