

# JUDE KIM

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## Education

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### University of California, Irvine

*Bachelor of Science in Computer Science*

GPA 4.0/4.0

**Class of 2025**

*Irvine, CA*

### Edmonds College

*Associate of Arts in Computer Science*

GPA 4.0/4.0

**Class of 2021**

*Lynnwood, WA*

## Experience

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### Software Engineer Co-op

*Cohere Health*

**June 2024 – December 2024**

*Boston, MA*

- Collaborated with operations team to design full-stack web applications for automating the prior authorization process.
- Implemented automation solutions, optimizing clinical workflows and significantly improving patient health outcomes.
- Designed robust backend platform with Java Spring/Grails, streamlining services and improving data management.
- Deployed AWS Lambda functions to handle client intake forms, effectively reducing delays in obtaining authorizations.

### Enlisted Soldier

*United States Army*

**March 2022 – August 2023**

*Daegu, Korea*

- Ensured fair treatment, equal opportunity, and diversity awareness in the U.S. army.
- Established community outreach initiatives, fostering positive relationships with local communities and organizations.

### Software Engineer

*Mindtree Limited*

**August 2021 – February 2022**

*Redmond, WA*

- Optimized SQL queries, achieving a 22% decrease in metadata retrieval time for diagnostic operations.
- Contributed to the optimization of a legacy codebase, yielding an average reduction of 17% in system downtime.
- Gained recognition for outstanding achievements by integrating third-party APIs for a logistics solution.
- Designed Cloud messaging service solution, optimizing communication channels and debugging processes.
- Created a scalable SaaS platform for a global e-commerce client, leading to 26% reduction in server costs.
- Collaborated with a cross-functional Agile team, consistently meeting sprint goals and delivering solutions in time.

### Software Engineer Intern

*BlueJestic*

**May 2021 – August 2021**

*Seattle, WA*

- Engineered RESTful APIs to retrieve products, reducing server response latency by 21% for 2000+ products.
- Refactored old API calls by reducing unnecessary requests, leading to faster response times for the user account page.
- Introduced server-side browser caching for authentication, yielding accelerated subsequent visits.
- Contributed to develop a recommendation engine for an online commercials, increased feedback scores from 3.5 to 4.7.
- Resolved a crucial bug related to server routing, ensuring the project's timely launch and meeting its deadline.

### Computer Science Teaching Assistant

**February 2020 – March 2021**

- Provided academic support through in-person and virtual to more than 80 students across Java and Calculus courses.

## Projects

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### Train Ticket Management System | *Python, Selenium, Oracle Cloud, Telegram API*

**July 2022 - August 2023**

- Developed a program that helps soldiers manage government-issued public transportation tickets with convenience.
- Leveraged Python with Selenium and the scheduler module to construct an effective automation cycle.
- Integrated Telegram API to enable user interactions in intuitive command-based communication within the application.
- Deployed on Oracle Server with CI/CD pipeline using Git and Bash scripts to ensure continuous accessibility.
- Issued over 300 tickets which is equivalent to cost saving of \$9,000 for soldiers to date.

## Technical Skills

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**Languages:** Python, C++, C, C#, Java, JavaScript, SQL, Node.js, Bash, R

**Frameworks:** Unix, Linux, Git, MySQL, MongoDB, Azure, AWS, CI/CD, Jenkins, Docker, Kubernetes, Tensorflow

**Web:** Tableau, Power BI, React, Django, CSS/HTML, Bootstrap, AJAX, REST API, Express, Postman, Socket