

CHRISTOPHER LEE

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Education

University of California, Berkeley

Graduation Date: May 2026

Bachelors of Arts in Computer Science, 3.79 GPA

Relevant Coursework: Computer Programs, Data Structures, Machine Structures, Discrete Mathematics and Probability Theory, Designing Information Devices and Systems, Algorithms and Intractable Problems, Foundations of Data Science, Artificial Intelligence, Cybersecurity, Software Engineering, BlockChain, iOS Development

Experience

Amazon Web Services

May 2025 - Aug 2025

Software Development Engineer Intern

- Built and deployed automated workflows extending AWS's enterprise EC2 pricing discount system from US-only to international markets using AWS Lambda, DynamoDB, and S3.
- Designed the system for scalability using modular components and dynamic offer creation with compliance validation, enabling seamless expansion to additional international marketplaces without code refactoring.
- Reduced team operational workload by 40% and eliminated high-severity customer-impacting incidents through production deployment of the automated marketplace system.

OpenGrant

Sep 2024 - Nov 2024

Software Engineer Intern

- Engineered an AI evaluation pipeline using chain-of-thought prompting and modular prompt engineering to break down complex grant proposals into structured, analyzable segments for improved accuracy and transparency.
- Created comprehensive UI/UX layouts and wireframes for grant proposal evaluation platform, creating a cohesive design system to streamline the assessment process.
- Developed data visualization dashboards to track AI reasoning patterns and evaluation metrics, providing stakeholders with actionable insights into the automated decision-making process.

Eighth United States Army

Oct 2022 - Apr 2024

Company Senior KATUSA (Korean Augmentation to the United States Army)

- Led a team of 50 KATUSAs within the Operations Company, training and mentoring incoming junior soldiers while coordinating large-scale events including KATUSA ETS and promotion ceremonies.
- Provided critical linguistic and cultural support during joint exercises, missions, and operations as dedicated liaison, facilitating seamless collaboration between Korean and U.S. Army personnel.

Projects

Atelier [Github](#)

Nov 2024 - Current

- Developed a web application for project management using Node.js and MongoDB, with an MVC architecture and RESTful API design.
- Implemented a secure, scalable authentication and authorization system with Argon2 hashing algorithm, automated email notifications for password resets, and member management interface for adding, removing, and updating user roles.
- Designed collaborative project dashboards with shared Kanban boards for ticket management, detailed overviews with real-time stats, and customizable settings, allowing multiple users to work together effectively.

Gitlet

Aug 2021 - Dec 2021

- Developed a concise version-control system reminiscent of Git using Java, featuring implementations of essential features, including commit, merge, log, checkout, and branching capabilities, facilitating seamless file version management.
- Composed a design document, unit, and integration tests to establish a structured program architecture, prioritizing in runtime efficiency through the adoption of optimal data structures while ensuring the reliability of the software.

Technical Skills

Languages: Python, Java, Javascript, C, C++, Ruby, Swift, Scheme, SQL, NoSQL(MongoDB), HTML, CSS

Libraries and Tools: AWS, GCP, Node.js, Express.js, Mongoose, Pandas, Numpy, Matplotlib, Scikit-Learn, Jupyter

Operating Systems and Version Control: Mac OS, Windows, Unix/Linux, Git, Github