

# JASON LIM

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## EDUCATION:

### University of Washington

Master of Science: Computer Science

Bachelor of Science: Computer Science - GPA: 3.89

Seattle, WA

Exp. Grad: Dec 2025

- **Courseworks:** Machine Learning, Deep Learning, Distributed Systems, Operating Systems, Computer Security, Data Structure and Algorithms, Software Design and Implementation, System Programming, Networking
- **Awards:** Mary Gates Leadership Scholarship, Bob Bandes Memorial Teaching Award (Honorable Mention)

## PROFESSIONAL EXPERIENCE:

### UW CIRCLE

Seattle, WA

#### Software Engineer Lead

June 2024 - Present

- Led the development of the UW CIRCLE web app using **React** to offer a comprehensive news and events platform, significantly boosting student engagement and campus connectivity.
- Developed a centralized resource hub to provide students with real-time access to university updates and essential resources, enhancing the educational community experience.

### Spark Internship Program

Seattle, WA

#### Software Engineer Intern

July 2023 - Aug 2023

- Developed the front-end home page and secure user login authentication system using **React** and **AWS Amplify**, integrating features from various functional teams to ensure a cohesive user experience.
- Executed comprehensive integration and system testing, resulting in 30% fewer post-deployment issues and ensuring robust functionality.
- Contributed to the inaugural year of the internship program by building a platform for a small non-profit organization, providing resources for future cohorts and enhancing organizational capacity.

### Paul G. Allen School of Computer Science & Engineering, UW

Seattle, WA

#### Undergraduate Teaching Assistant

June 2023 - Present

- Delivered guest lectures and facilitated weekly interactive sessions for 30+ students, simplifying complex topics in probability and statistics, resulting in improved student performance on assignments and exams.
- Led review sessions during office hours, addressing problem set questions for 50+ students weekly, enhancing their grasp of advanced concepts such as combinatorics, discrete probability, and Markov chains.
- Recognized with an **Honorable Mention Teaching Award** for excellence in teaching and student support.

### Paul G. Allen School of Computer Science & Engineering, UW

Seattle, WA

#### Undergraduate Researcher, Security and Privacy Lab UW

Jan 2024 - June 2024

- Research Project: Investigating Security and Privacy Practices in Childcare Apps.
- Investigated the security and privacy practices of 10 childcare apps on Android, evaluating encryption protocols, data storage practices, and authentication mechanisms using MobSF for static and HTTP toolkit for dynamic analysis.

## PROJECT:

### Detoxify | Open Source AI Hackathon #6

Winner of the Experimental Track

- Developed an AI application using Meta Llama3 70b instruct LLM for toxicity classification in gaming chat.
- Utilized **Flask**, **LangChain/OctoAI**, **Python**, and **HTML** to filter harmful language while preserving positive interactions.

### YouTube Channel @LeetcodeDailyGrind

- Produced and uploaded daily YouTube videos solving LeetCode problems, focusing on step-by-step solutions tailored for beginners.
- Grew the channel to 70 subscribers by creating educational content that simplified complex coding concepts, including algorithms and data structures.

## TECHNICAL SKILLS:

- **Languages** : Java(proficient), Python(proficient), JavaScript, SQL, C/C++, TypeScript, GraphQL
- **Tools/Frameworks:** Git, HTML/CSS, React.js, React Native, Node.js, VS Code, Material UI, JIRA, API, AWS Amplify, Microsoft Azure