

# Chloe Lim

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## EDUCATION

### Rice University

Bachelor of Science | GPA: 3.79/4.0

Major in Computer Science; Minor in Data Science

Relevant Coursework: Computer Systems, Concurrent Program Design, Reasoning Algorithms, Computational Thinking, Data Visualization.

### Study Abroad in Scandinavia

Coursework: Artificial Intelligence and Neural Networks, Storytelling through Photography

Stockholm, Sweden/Copenhagen, Denmark

May - Jul 2023

### Portola High School

Summa Cum Laude | GPA: 4.4/4.0

Computational Linguistics Club (Founder/President), Science Olympiad, Orchestra (Principal Cellist), Varsity Tennis.

Irvine, CA

Class of 2022

## EXPERIENCE

### Microsoft | <https://github.com/kaito-project/headlamp-kaito>

Software Engineering Intern

Redmond, WA

May 2025 - Present

- Developed plugin for Kubernetes AI Toolchain Operator (KAITO) to simplify AI model deployment and seamless LLM interaction.
- Integrated Model Context Protocol server support for tool calling capabilities.
- Azure Core Cloud Native and Management Platform, Azure Kubernetes Service Upstream team

### Paycom

Software Engineering Intern

Grapevine, TX

May - Aug 2024

- Led full-stack development team and built high-volume email system, successfully delivering over 33,000 automated messages.
- Deployed project using Docker and designed an auto-generating selector for candidate filtering.
- Built in React and C# and interfaced with MySQL database containing 500,000+ candidate profiles.

### Rice University Computer Science Department

Teaching Assistant

Houston, TX

Jan - May 2024

- Led weekly office hours for Computer Science discrete math and algorithmic thinking course (COMP 182).
- Provided one-on-one student guidance, graded assignments and exams, and supported curriculum objectives.

### RiceApps | <https://apps.apple.com/us/app/speech-babble/id6504210638>

Full Stack Developer

Houston, TX

Aug 2023 - Present

- Develop mobile and web app for Texas Hearing Institute to aid deaf children's speech development.
- Collaborated with a full-stack development team. App available on AppStore (Speech Babble).

### Rice University RAW Photography Club

Professional Photographer

Houston, TX

Aug 2023 - Present

### Google

Computer Science Summer Institute

Remote

Jul 2022

- Completed project-based HTML/CSS and JavaScript curriculum taught by Google engineers.
- Delivered collaborative final project to Google employees and community leaders.

### RemindMe Android App | <https://play.google.com/store/apps/details?id=com.chloelim.remindme>

Application Developer, Creator

Irvine, CA

2021 - 2022

- Developed mobile app supporting neurodegenerative patients by connecting patients with families/doctors.

### Garcia Center for Polymers at Engineered Interfaces

Researcher

Remote

Summer 2021

- Analyzed protein structure changes detected by molecular imprinted biosensor.
- Research selected to present at American Chemical Society Spring 2022 International Conference

## PROJECTS

### Microsoft Hackathon

- Second place winning team in company-wide hackathon (1000+ participants). Built LunchedIn

Jul 2025

### Paycom Codeathon

- First place winning team in company-wide hackathon (500+ participants). Designed and built secure admin portal with data import support.

Jul 2024

### Tetris Q-Learning Bot | <https://github.com/chloe608/Tetris-Q-Learning>

- Implemented Q-learning algorithm to improve Tetris bot performance over multiple games.

Jun 2024

### Converting Landscapes into Minecraft Images with CycleGAN

- Developed and trained a generative adversarial network (GAN) model to transform landscape dataset into Minecraft-style images.

Jul 2023

- Medium article: <https://medium.com/@chloelim608/converting-landscapes-into-minecraft-images-with-cyclegan-dd12c284659b>

## ACTIVITIES

Rice Korean Student Association | President

Apr 2024 - Present

Rice Women in Computing Club | Board

Apr 2024 - Present

Rice Computer Science Club | Board

Mar 2024 - 2025

Rice Campanile Orchestra | Principal cellist

Aug 2022 - Present

## SKILLS

**Technical Skills:** Kubernetes, React, Java, C, SQL, C#, HTML/CSS, Python, Docker, Javascript, App Development, Firebase, R, Jupyter.

**Awards:** Microsoft Hackathon (2nd place team), Paycom Codeathon (1st place team), Rice Study Abroad Photography Contest (1st Place).