CHLOE LIM

949-910-5228 | chl6@rice.edu | https://www.chloelim.me/ | Irvine, CA

EDUCATION

Rice University	Houston, TX

Bachelor of Science | GPA: 3.79/4.0 — May 2026
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	Stockholm, Sweden/Copenhagen, Denmark

Coursework: Artificial Intelligence and Neural Networks, Storytelling through Photography — May - Jul 2023

Portola High School	Irvine, CA

Summa Cum Laude | GPA: 4.4/4.0 — Class of 2022
Computational Linguistics Club (Founder/President), Science Olympiad, Orchestra (Principal Cellist), Varsity Tennis.

EXPERIENCE

**Microsoft	https://github.com/kaito-project/headlamp-kaito**	Redmond, WA

Software Engineering Intern — 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	Grapevine, TX

Software Engineering Intern — 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	Houston, TX

Teaching Assistant — 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**	Houston, TX

Full Stack Developer — 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	Houston, TX

Professional Photographer — Aug 2023 - Present

Google	Remote

Computer Science Summer Institute — 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**	Irvine, CA

Application Developer, Creator — 2021 - 2022
- Developed mobile app supporting neurodegenerative patients by connecting patients with families/doctors.

Garcia Center for Polymers at Engineered Interfaces	Remote

Researcher — 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 — Jul 2025
- Second place winning team in company-wide hackathon (1000+ participants). Built LunchedIn

Paycom Codeathon — Jul 2024
- First place winning team in company-wide hackathon (500+ participants). Designed and built secure admin portal with data import support.

Tetris Q-Learning Bot | https://github.com/chloe608/Tetris-Q-Learning — Jun 2024
- Implemented Q-learning algorithm to improve Tetris bot performance over multiple games.

Converting Landscapes into Minecraft Images with CycleGAN — Jul 2023
- Developed and trained a generative adversarial network (GAN) model to transform landscape dataset into Minecraft-style images.
- 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).