

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

Portola High School

Summa Cum Laude | GPA: 4.4/4.0

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

EXPERIENCE

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

Software Engineering Intern

- 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

- 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

- 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

- 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 for Rice University clients.

Google

Computer Science Summer Institute

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

Garcia Center for Polymers at Engineered Interfaces

Researcher

- 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 team in company-wide hackathon (1000+ participants). Built LunchedIn: Outlook extension to connect internal employees.

Paycom Codeathon

- 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>

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

Converting Landscapes into Minecraft Images with CycleGAN

- 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-cycle-gan-dd12c284659b>

ACTIVITIES

Rice Korean Student Association | President

Rice Women in Computing Club | Board

Rice Computer Science Club | Board

Rice Campanile Orchestra | Principal cellist

SKILLS

Technical Skills: Kubernetes, React, Java, C, SQL, C#, HTML/CSS, Python, Go, Golang, Azure Kubernetes Service, Microsoft Azure, Docker, Javascript, App Development, Firebase, R, Jupyter.

Awards: Microsoft Hackathon (2nd place), Paycom Codeathon (1st place), Rice Study Abroad Photography Contest (1st Place), President's Honor Roll (2025, 2024)