Colin Cheng   LinkedIn: www.linkedin.com/in/colin-cheng-9734a6267

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PROFESSIONAL SUMMARY

Computer-science student (B.S. '25) who pairs solid CS fundamentals with hands-on project work in Python, C/C++, and full-stack JavaScript. Built data-driven and graphics-intensive apps at school and as side projects; passionate about writing clean, well-documented code that solves real problems.

SKILLS

Languages: Python, C/C++, JavaScript/TypeScript, SQL, GLSL, OpenMP, SIMD, CUDA, OpenCL, MPI
Frameworks: React, Node.js, Flask, TensorFlow, NumPy tools
Platform: Git, Docker, Linux, AWS, PostgreSQL

EDUCATION

B.S. Computer Science, Oregon State University, Corvallis, Oregon
Graduation: June 2025. GPA: 4.0. Dean's List.

EXPERIENCE

Undergraduate Learning Assistant

Oregon State University, Corvallis, Oregon, October 2024 – Present
- Assisted faculty members with the development and implementation of course materials, including lectures, assignments, and exams. Created individualized lesson plans based on student needs while adhering to curriculum guidelines set forth by the institution.

IT Technician (Work Study)

Umpqua Community College, Roseburg, Oregon
October 2023 – December 2023
- Maintained and repaired campus computer systems and networking equipment. Assisted staff and students with technical support issues including hardware diagnostics and software installation.

PROJECTS (More list on GitHub: https://cchengb.github.io/)

-MMA Bout Predictor: Python, PostgreSQL, Scrapy, Machine Learning. Scraped 3k+ UFC fight records, engineered 15 features, and trained gradient-boost model (F1 = 0.82). Provided REST API for real-time queries.

-Furever Pet-Adoption App: Node.js, Express, MySQL. Designed relational schema and built responsive CRUD dashboard; server-side pagination cut query latency 35 %.