

Chris Wheeler

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Los Angeles, CA

Education

Bachelor of Science in Computer Science

May 2023

- California State University, Northridge
- GPA: 3.82, graduated magna cum laude

Associate of Science in Mathematics

June 2021

- Los Angeles Valley College, Valley Glen
- GPA: 3.77, graduated cum laude

Experience

Freelance Software Developer, Los Angeles

May 2023 – present

Software Developer

- Develop the backend of a site being used by thousands of users simultaneously
- Maintain [a blog](#) demonstrating several languages, software development tools, and more

Computer Science Mentor

- Coach students in version control, automated testing, Linux, Windows, cybersecurity, and tech support
- Write dev guides such as [Getting started with Git and GitHub](#) and [Learning recursion with C++](#)

Los Angeles Community College District, Los Angeles

September 2018 – June 2023

Computer Science Tutor and Mentor

- Teach C/C++, Python, Java, data structures, algorithms, problem solving skills, & learning strategies
- Develop [meeting scheduling software](#) that makes remote tutoring significantly easier
- Host workshops on pointers, recursion, debugging, and more
- Certified as a Master Level Tutor by the College Reading and Learning Association (CRLA)

Skills

- Languages: Go, JavaScript, Python, C++, C, C#, Java, SQL, NoSQL, TypeScript, Bash, HTML/CSS
- Version control & collaboration: Git, GitHub, Jira
- Tools: GitHub Actions, Docker, WSL, VirtualBox, systemd, Redis, Express, Echo, Postman, Bootstrap, jQuery, mypy, pre-commit, pytest, tox, JUnit, Microsoft Unit Testing Framework for C++, Sphinx
- Linux, Windows, macOS, FreeBSD

Portfolio

[Parhelion](#) (Python, SQL, Docker) – a Discord bot that facilitates software support communities

- Answers FAQs, sends reminders, translates, safely runs arbitrary code in almost any language, & more
- Capable of responding to thousands of users simultaneously

[email-linter](#) (Go, JMAP) – finds spam and phishing emails received by disposable email addresses

- Significantly increases email security with nearly zero impact on productivity
- Compatible with all email services that have a JMAP API

[pm2md](#) (Go) – a web service documentation generator

- Automates 90%+ of API documentation and prevents common mistakes
- Developed a template system for easy output format customization

[Note Splitter](#) (Python, Qt for Python) – a desktop app for research workflow automation

- Developed a custom lexer, parser, and type checker for splitting and rearranging notes
- Created an installer, achieved high test coverage, and set up automated documentation