Chris Wheeler

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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**
Computer Science Mentor
- Coach students in software engineering, version control, and automated testing
- Write dev guides such as intro to recursion and getting started with Git and GitHub
- Train Linux, Windows, cybersecurity, and tech support

Software Developer
- Maintain a blog demonstrating several languages and software development tools

Los Angeles Community College District, Los Angeles   **September 2018 – June 2023**
Computer Science Tutor and Mentor
- Teach C/C++, Python, Java, data structures, and algorithms
- Develop meeting scheduling software that makes remote tutoring significantly easier
- Host workshops on pointers, recursion, debugging, and more
- Mentor students in problem solving skills and learning strategies
- Certified as a Master Level Tutor by the College Reading and Learning Association (CRLA)

Skills

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

Portfolio

URL shortener (Node.js, Express, SQL, HTML/CSS, Linux) – a full-stack link shortener with marketing tools
- Makes links customizable and easier to share
- Displays click rates and geographic locations to empower data-driven marketing campaigns
- Provides a public API for integration with third-party apps and sites
- Running on a DigitalOcean droplet using systemd for high uptime, automatic restarts, and logging

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

Parhelion (Python, SQL, Linux) – a Discord bot that facilitates software support communities
- Answers FAQs, sends reminders, translates, safely runs arbitrary code in almost any language, and more
- Capable of responding to thousands of users simultaneously