

# Chris Wheeler

[chriswheeler.dev](http://chriswheeler.dev)

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Los Angeles, CA

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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

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

## Portfolio

### [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, & 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

### [URL shortener](#) (NodeJS, Express, MySQL, HTML/CSS, Linux) – a full-stack link shortener with marketing tools

- Displays click rates and geographic locations to empower data-driven marketing campaigns
- Running on a DigitalOcean droplet using systemd for high uptime, automatic restarts, and logging