

# Kevin Siraki

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## Relevant Experience

### IT, Multimedia Technology Lead | Glendale Unified School District

9/2022 – Present (Networking, Hardware, Bash, Active Directory, Cisco Firewalls, Google Workspace, Azure Cloud)

- Configured/troubleshoot equipment/software including firewalls, switches, & routers whilst adhering to procedures.
- Employed Active Directory for user authentication, authorization, & network resource access control.
- Co-trained instructors in devising engaging lesson plans using Google Workspace and educational software.
  - Facilitated modern devices in lesson plans, such as 3D printers, reinforcing student interest.
- Maintained a 99% overall ticket resolution rate, escalating major issues to IT colleagues for timely resolution.
  - Adopted trend analysis to enhance our response time for resolving tickets more rapidly.
  - Revived non-functional systems, resulting in substantial cost savings and resource optimization.
  - Achieved a 95% success rate in Chromebook repairs to prevent e-waste and remain eco-friendly.
- Leveraged CMD, Bash, and launchd to automate recurring tasks, significantly enhancing productivity.
- Streamlined transition from DHCP to static device IPs for printers as well as print server hostname setup.

### Full Stack Developer | Don't Trip CSUN Senior Design Team

1/2021 – 5/2022 (Laravel/PHP, Vue.js, Rest APIs, MariaDB, Ubuntu Linux, Nginx, Git, Docker, Jira, TDD, Ansible, AWS, iptables/Firewalls)

- Led and collaborated with 2 developers to create a successful full-stack MVC Google Maps API based PWA.
  - Generates personalized curated travel plans ("Tesla EV Charging Stations on the way to Palo Alto, CA").
- Full CRUD for user preference history with regional popularity rating per location built in using the Yelp API.
- Garnered over 1500 page visits in 1 month (tracked in SQL), primarily from CSUN students/professors.
- Implemented time based theming and light/dark modes with adaptive UI throughout all the application routes.
- Included 2FA, salt hashing, brute force/CSRF/SQL injection protection, and iptables for security hardening.
- Integrated third-party SSO options through Google, Discord, and Steam for flexibility and authentication.
- Managed Agile development process with Git, Jira, and Docker for seamless yet timely deliverables.
- Conducted unit testing through Jenkins with PHPUnit to iron out edge cases with our controller/business logic.

### PC & Server Consulting | Freelance

5/2018 - Present (C, Python, Hardware, Networking, Bash, Powershell, Cronjobs, Excel for Logging, Billing, and Inventory)

- Independently built over 50 server-grade and gaming systems within strict budgetary and time constraints.
- Utilized equipment such as multimeters, oscilloscopes, and EEPROM programmers for pinpointed debugging.
- Developed a systematic software suite for CPU, FPU, and RAM stability testing in C, PowerShell, Python, & Bash.
  - Contributed to open source core-by-core test software for AMD Zen 3 architecture (corrcycler by sp00n).
  - Each system is subject to these comprehensive tests, yielding 100% stability results in each system.
- Provided cost-effective solutions based on up-to-date market knowledge for prospective and existing clients.

## Other Experience

### Java\_C | Compiler Design Project

- Experimental Java to C compiler featuring OOP, bounds checking on arrays, and subtyping.
- Used Apache Maven build automation in conjunction with J-Unit + JaCoCo to administer full-coverage unit tests.
- Compiler is fully capable of code execution; has a Tokenizer, Parser, Typechecker, and Code Generator.

## Education

### Computer Science B.S. | California State University Northridge | 3.95 GPA - Magna Cum Laude

8/2020 - 5/2022

- Awarded 2 Northrop Foundation Endowed Scholarships for excellent academic achievement and essay.
- Tutored fellow students in Functional Programming, yielding excellent results and positive feedback.

### Computer Science Transfer | Glendale Community College | 3.70 GPA - Dean's List

8/2017- 6/2020

- Part-time Data Structures and Algorithms tutor; Students made significant grade improvements by finals.
- Participated in a hackathon with fellow students where I showcased my 6502 computer, winning 1st place.

## Notable Skills

- **Languages:** JavaScript, TypeScript, Python, PHP, Java, C#, Dot.net, C, C++, Rust, Golang, Ruby, R, Assembly.
- **Backend:** (No)/SQL, MongoDB, Redis, RDBMS, Express, Node.js, Laravel, Wordpress, Apache, Nginx, AWS, Azure, Docker, Kubernetes, Ansible CI/CD, Jenkins, Linux, iptables, Rest APIs, MVC, SocketIO, System Design.
- **Frontend:** HTML, CSS/SASS, JS, Bootstrap, Tailwind, Blade, (Vue, React, Angular, Next.js), Flutter, jQuery.
- **Misc.:** MS Office, Bash/PS, Crontab, Git, TDD, Jira, Networking, Hardware, Embedded Systems, Unity, SOLID.