

Greensboro, NC; USA
(336)-480-4486
guyyatsu@gmail.com
github.com/guyyatsu
<https://guyyatsu.me/resume.html>

Hunter Dale

Highly skilled Network Architect / Systems Administrator with expertise in Python development, Linux administration, and self-hosting. Experienced in working with NGINX web servers and proficient in troubleshooting and resolving technical issues. Passionate about maximizing uptime and ensuring server stability. A self-motivated team player who thrives in a fast-paced and dynamic environment. Excellent communication skills and ability to collaborate effectively with cross-functional teams.

Greatest swordsman in the Metaverse.

Code Projects

The following hyperlinks refer to git repositories containing the source code for some personal projects of mine; for compatibility reasons, I have included the URL in the corresponding header as well.

Financial Technology / Data Science

- [Market Data Client Library](https://github.com/Lab-93/MarketData): <https://github.com/Lab-93/MarketData>
 - A service for pipelining financial asset data from an external API to either an SQLite3 database for training trading algorithms, or serialized and distributed to other microservices through an internal API.
- [Currency Ledger / Wage Tracker](https://github.com/Lab-93/AssetDashboard): <https://github.com/Lab-93/AssetDashboard>
 - GUI tool for tracking hours worked & wages paid, calculating gross rate of pay after tax, and recording cryptocurrency & forex transactions to the database for further analysis.

Web Development / Database Administration

- [Personal Website](https://guyyatsu.me/): <https://guyyatsu.me/>
 - Somewhere between a blog and a framework; my website uses Jekyll to serve Javascript and render Markdown pages templated with HTML on the front-end, and Python + Flask, Sockets, and SQLite3 to provide extra functionality on the back-end.
- [Database Management](https://github.com/Lab-93/SQLite3): <https://github.com/Lab-93/SQLite3>
 - This library represents a compendium of SQLite3 statements defined in such a way so as to get around Python's limitations on formatting strings being used with SQL queries; all neatly presented in an easily indexable hashmap complete with helper text for each statement. Designed for re-useability and ease of use in scripting over the built-in sqlite3 module.

Systems Programming / Security

- [Back-End API](https://github.com/guyyatsu/Backend-API): <https://github.com/guyyatsu/Backend-API>
 - A Flask instance acting as the API powering my personal website. Used for transporting output from services and scripts running on the host system to the end-user through http POST and GET requests.

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Skills

- Linux: Arch, Debian, Kali, Ubuntu
- Programming Languages: Python, C++, Javascript, HTML, Bash
- Software Packaging: PyPi
- Version Control: Git, GitHub, GitLab(self-hosted)
- Database Administration: Sqlite3
- Web Development: Flask, VanillaJS
- Web Servers: NGINX, Apache
- Networking: TCP/IP, DNS, DHCP
- Security: Familiar with hardening techniques, firewall configuration, and intrusion detection.