Nicholas Russo

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SUMMARY

I'm a self-taught software developer with two and a half years of professional experience. I have a breadth of knowledge covering python, go, linux, and building APIs. I'm a strong learner who focuses on writing clean and correct code. I am interested in linux, APIs, AI, networking, and distributed systems.

RELEVANT WORK EXPERIENCE

Software Engineer   **Omnitier, Inc.**   **January 2021 - May 2023**

- Worked on software for tertiary DNA analysis.
- Primarily built a public python API for our Go and gRPC backend.
- Added small features and bug fixes to our React frontend.
- Built a regression testing system on top of the python API.
- Improved the runtime of one of our python scripts from 45+ minutes to about 5 minutes. I made a minor change that heavily reduced the number of system calls while traversing the filesystem.

IT Support Intern   **Robert Half**   **June 2011 - December 2011**

Performed installations of workstations and software. Repaired laptops and desktops.

IT Intern   **City of Pleasanton**   **January 2010 - May 2010**

Performed routine IT work. Assisted in a thin client deployment to the city's library.

AWARDS

Money 20/20 Las Vegas   Kairos - 2nd Place Winner   October 2016

Built a cross-terminal payment application and API for partnering businesses together. I built a Go/PostgreSQL API and deployed it using docker on CoreOS Container Linux.

EDUCATION

Las Positas College, Livermore, CA — Computer Science	2014 - 2015, 2016 - 2018
Computer Science Club President	2016 - 2017
42 Silicon Valley, Fremont, CA — Computer Science	2018 - 2020
Dev Bootcamp, San Francisco, CA — Web Development	Fall 2016 - Spring 2017
Chabot College, Hayward, CA — Music Recording Technology	2013-2014

SKILLS

- Python
- Ruby/Rails
- SQL
- Ubuntu/Redhat
- Go
- FastAPI/Django
- Git/Bash/zsh
- Docker/CoreOS
- C/C++
- Javascript
- AWS/GCP
- Gentoo