

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, 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 deployment of thin client fleet to the city's library.

AWARDS

Money 20/20 **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 top of Container Linux.

EDUCATION

Las Positas College, Livermore, CA — Computer Science 2014 - 2015, 2016 - 2018

Computer Science Club President 2016

Dev Bootcamp, San Francisco, CA Fall 2016 - Spring 2017

42 Silicon Valley, Fremont, CA 2018 - 2020

SKILLS

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