Natan Lao

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Hi. I'm a wannabe software engineer in my second year of studying computer engineering at UC Santa Cruz. I have a good 5+ years experience with Python and I'm a fast learner.

Experience

Research assistant Nov 2016 - Present
UCSC Genomics Institute
Developed open-source software in Python running on the commercial cloud (including Azure and AWS) for biomedical data analysis, access, and discovery.

Python AWS Azure Docker Ansible REST

Software engineering intern Summer 2015
Hewlett-Packard, Inc. Networking R&D Lab
Built REST API and web app to monitor, locate, and configure R&D hardware. Automated configuration and deployment of test devices.

Flask Web dev Basic network programming

Technical intern Summer 2017
Hewlett-Packard Enterprise R&D Operations
Developed secure, scalable interface PoC to streamline analysis and distribution of business operations data for a division of over 1,000 employees (totaling $100M+ per annum).

Microsoft SQL Server VBA

Student technician Jul 2014 - Aug 2016
Roseville Joint Union HSD
Led small team of students providing level 1 end-user support to over 2000 students, faculty, and staff. Also worked as a stage technician, maintaining theater lighting and sound systems and operating them during live performances.

Education

UC Santa Cruz 2016 - 2020 (Projected)
Pursuing a B.S. in computer engineering with a minor in computer science and concentration in systems programming. College Scholars program member. Senior class standing.

Relevant coursework and skills:
Data structures Java (academic) C (academic)
Algorithms and abstract data types
Logic design Computer architecture

Selected achievements and service

Runner-up, HACK UCSC 2017
Led team of five developing a student-to-student textbook swap app in Python. Runner-up out of 42 other teams.

Head student instructor 2017 - Present
Head TA for UCSC's largest student-led class, teaching basics of debate and politics to 90+ students quarterly. Oversee team of 10-15 TAs.

VP, National Honor Society 2016
Led 150+ students as VP. Raised $10K+ for community nonprofits. Used automation to streamline administration and operations.

2nd Place, HPE Best in Class 2017
Placed second out of over 40 interns at Hewlett-Packard Enterprise in competition showcasing summer internship projects.