

PAVEL YAKOVLEV

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EDUCATION

University of California, Santa Cruz
Bachelor's in Computer Science

Fall 2018 - Present

Santa Rosa Junior College

Fall 2015 - Spring 2018

EXPERIENCE

Lawrence Livermore National Lab
Computing Intern

June 2019 - September 2019
Livermore, CA

- Worked on the enhancement and modernization of automated testing and software integration frameworks.
- Unified the build processes around industry-standard continuous integration and test-driven practices using Jenkins, JUnit.

remote.it
Software Engineering Intern

May 2018 - June 2019
Palo Alto, CA

- In a team of three, developed a web app prototype to monitor client/user activity.
- Created a CI/CD pipeline to build and test a Docker image with CircleCI + Goss.
- Worked with Terraform + Packer for AWS EC2 AMI deployment and testing.
- Created a library of user-end Python and Shell scripts for bulk device management.

Santa Rosa Junior College
Math Tutor

January 2018 - May 2018
Santa Rosa, CA

- Provided instructional assistance for an algebra course during and after the lecture.
- Assisted students with assignments, answered course questions.
- Led study sessions twice a week and provided additional tutoring as needed.

PROJECTS

NetGuard

devpost.com/software/netguard

- Alerts owner of IoT device of cyber attack and locks down the device.
- Written in Python, runs on Raspberry Pi, SMS alerts achieved with Twilio API.
- Worked with another team member to write the listener and API request component.

Santa Cruz Bus Time

github.com/paukyakovlev/sc-bus-time

- Shows the real-time arrival ETA of the soonest specified bus at a particular bus stop.
- Python script runs on Raspberry Pi, ETA displayed on small LCD screen.
- Bus times web scraped from Santa Cruz's city transit website.