PAVEL YAKOVLEV

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paulyakovlev.com ⋄ github.com/paulyakovlev

EDUCATION

University of California, Santa Cruz *Fall 2018 - Present*
Bachelor's in Computer Science

Santa Rosa Junior College *Fall 2015 - Spring 2018*

EXPERIENCE

Lawrence Livermore National Lab June 2019 - September 2019
Computing Intern *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 May 2018 - June 2019
Sofware Engineering Intern *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 January 2018 - May 2018
Math Tutor *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/paulyakovlev/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.