

PAVEL YAKOVLEV

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EDUCATION

University of California, Santa Cruz

September 2018 - June 2020

Bachelor's in Computer Science

Santa Rosa Junior College

September 2015 - May 2018

EXPERIENCE

Long Marine Mammal Lab

January 2019 - Present

Software Engineer

Santa Cruz, CA

- Developed React web app used by marine lab technicians to map and analyze geospatial data.
- Led the development of data management process and workflow.
- Assisted in planning and development with software engineering best practices. (test-driven-development, Agile-Scrum process, version control)

Lawrence Livermore National Lab

June 2019 - September 2019

Computing Intern

Livermore, CA

- Worked on the enhancement and modernization of automated testing and software integration framework for a very large software system.
- Unified the build processes around industry-standard continuous integration and test-driven development practices.

remote.it

May 2018 - June 2019

Software Engineering Intern

Palo Alto, CA

- Built an administrative web dashboard with React.
- 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.
- Worked remotely from September 2018 through the end of the internship.

PROJECTS

Pollen Planter (CruzHacks '20 Winner)

devpost.com/software/pollenplanter

- Mobile app that helps to support local pollinator(bees,butterflies) communities.
- Built with React Native + Firebase Firestore.
- Worked in team of 4 - took the 1st place prize for Best Earth Hack.

NetGuard (Treehacks '19)

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.