

PAVEL YAKOVLEV

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EDUCATION

University of California, Santa Cruz

Bachelor's in Computer Science

Graduated June 2020

EXPERIENCE

Lawrence Livermore National Lab - Computing Intern

June 2019 - September 2019

Java, JUnit, SQL

Livermore, CA

- Worked on improving automated testing and software integration framework for large scientific facility.
- Contributed to JUnit test suite and provided technical documentation.
- Development focused on industry-standard continuous integration and test-driven development practices.

remote.it - Software Engineering Intern

May 2018 - June 2019

ReactJS, Python, AWS, Docker, Terraform

Palo Alto, CA

- Built an administrative web dashboard to monitor user device activity.
- Wrote a library of user-end Python and Shell scripts.
- Worked remotely from September 2018 through the end of the internship.

PROJECTS

Santa Cruz Stranding Map

github.com/lmlstrandingnetwork/lml-stranding-map

ReactJS, ExpressJS, Firebase

- Geospatial data analysis tool for the UCSC Long Marine Lab.

Pollen Planter (Cruzhacks 2020 Winner)

devpost.com/software/pollenplanter

React Native, Firebase

- Mobile app that recommends pollinator(bees,butterflies)-friendly plants for your garden.

Netguard (Treehacks 2019)

devpost.com/software/netguard

Python, Flask, Twilio, Docker

- Cyber attack protection for internet-connected devices at home.

Distributed Key-Store

github.com/paulyakovlev/distributed-rpi-kvstore

Python, Flask, Docker

- Sharded, fault-tolerant key-value store that runs on a cluster of Raspberry Pi devices.

SKILLS

Languages: C++, Java, Python, Javascript, HTML, CSS

Frameworks and Tools: ReactJS, NodeJS, Flask, SQL, git, Docker, REST, Agile