

PAVEL YAKOVLEV

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EDUCATION

University of California, Santa Cruz

Bachelor's in Computer Science

Graduated June 2020

TECHNICAL SKILLS

Languages: C++, Java, Python, Javascript, HTML5, CSS

Frameworks and Tools: ReactJS, NodeJS, PostgreSQL, Git, REST, Agile

EXPERIENCE

Lawrence Livermore National Lab

Computing Intern

June 2019 - September 2019

Livermore, CA

- Worked on improving automated testing and software integration framework for large scientific facility.
- Worked on regression testing the software that runs the National Ignition Facility with JUnit and Jenkins.
- Development focused on industry-standard continuous integration and test-driven development practices.

remote.it

Software Engineering Intern

May 2018 - June 2019

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

Santa Cruz Stranding Map

UCSC Long Marine Lab

github.com/lmlstrandingnetwork/lml-stranding-map

ReactJS, ExpressJS, NodeJS, Firebase

- Geospatial data analysis tool for the UCSC Long Marine Stranding Map.
- Led the development of data management process and workflow.
- Planned deployment workflow and code maintenance of project.

Pollen Planter

UCSC CruzHacks 2020 Winner

devpost.com/software/pollenplanter

React Native, NodeJS, Firebase

- Mobile app that recommends pollinator(bees,butterflies)-friendly plants for your garden.
- Led need-finding research and architecture design of the app.
- Contributed to development of front-end React components and backend data handling.