

# PAVEL YAKOVLEV

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## EXPERIENCE

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### 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

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### Santa Cruz Stranding Map

[github.com/lmlstrandingnetwork/lml-stranding-map](https://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](https://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](https://devpost.com/software/netguard)

*Python, Flask, Twilio, Docker*

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

### Distributed Key-Store

[github.com/paukyakovlev/distributed-rpi-kvstore](https://github.com/paukyakovlev/distributed-rpi-kvstore)

*Python, Flask, Docker*

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

## EDUCATION

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### University of California, Santa Cruz

*Graduated June 2020*

Bachelor's in Computer Science

## SKILLS

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

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