

# Sergei Chestakov

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## Education

### University of California, Davis

B.S Computer Science

Expected Spring 2019

## Work Experience

### UC Davis Center for Educational Effectiveness

October 2017 - Present

Full Stack Web Developer

- I work with Ruby on Rails, PostgreSQL, and Javascript to develop web applications that help professors improve the quality of education at UC Davis by visualizing data about their students and classroom demographics.

### HackDavis

Director

May 2017 - Present

- I organize the official, student-run hackathon at UC Davis by contacting sponsors to support our 700 person hackathon, planning and leading workshops for students, and developing our website (<https://hackdavis.io>)

### State Compensation Insurance Fund

February 2017 - May 2017

IT Student Assistant

- I worked in the 24/7 Network Operations Center (NOC). My responsibilities included testing the company's web applications and finding/reporting possible issues with the network and servers to prevent loss of revenue.

## Achievements

### 1st Place in Environmental Track at HackDavis 2017

- Won main prize at HackDavis my freshman year with SmartSensor project

### 1st Place Particle Prize at HackDavis 2017

- Best use of the Particle Photon circuit board in a project at the Hackathon for our IoT device

### Fall 2016 and Spring 2017 College of Engineering Dean's Honor List

- Maintained a GPA in the top 16% in the College of Engineering at UC Davis

### National AP Scholar

- For receiving an average score of at least 4 on all AP Exams taken, and taking 8 or more AP exams in total

## Side Projects

### Schedule Helper

- Chrome extension that helps UC Davis students select their courses by highlighting conflicts and appending Ratemyprofessor ratings onto results. Received over 3,000 downloads (<https://getschedulehelper.com>).

### SmartSensor

- IoT device that reduces energy consumption by tracking number of people in a room and automatically regulating the lights. Displays updates in real time. Won HackDavis (<https://devpost.com/software/smart-sensor>).

### NotiMessage

- Android app that connects to your PC and relays notifications through a client-server socket connection.

## Skills

- Java, C, C++, Python, Ruby, and JavaScript (ES6)
- HTML, CSS, and JS with jQuery
- Git and Version Control
- React and React Native
- Ruby on Rails