

Sergei Chestakov

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Education

University of California, Davis

B.S Computer Science

September 2016 - Present

Work Experience

Swim AI

June 2018 - Present

Software Engineering Intern

- This summer I will be developing smart, learning based applications that run on IoT devices and sensors to identify relevant data and insights in real time (<https://www.swim.ai/>)

UC Davis Center for Educational Effectiveness

October 2017 - April 2018

Web Developer

- I worked with Ruby on Rails, ReactJS, and PostgreSQL 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

May 2017 - April 2018

Director

- I organized the official, student-run hackathon at UC Davis in January 2018. My role included contacting sponsors to support the 700 person event, leading workshops for students, and developing our website (<https://hackdavis.io>)

Side Projects

Schedule Helper

- Chrome extension that helps UC Davis students create their schedule by highlighting conflicting classes and appending professor ratings onto search results. Received over 5,000 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 2017 (<https://devpost.com/software/smart-sensor>).

NoseGoes

- Application that allows you to control a web browser entirely using your face and voice. Built using Python's OpenCV library, Selenium Webdriver, and Google Cloud API (<https://devpost.com/software/nosegoes-45g87z>)

NotiMessage

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

Achievements

Best Environmental Hack and Particle Prize at HackDavis 2017

- Won one of the main tracks and Particle Sponsored prize at HackDavis my freshman year with SmartSensor project

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

- For maintaining 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

Skills

- Java, C, C++, Python, Ruby, Javascript
- HTML, CSS, jQuery, D3.js
- Git and Version Control
- React and React Native
- Ruby on Rails, NodeJS