



# KAILAS KRIVANKA

COMPUTER SCIENCE  
STUDENT

## MY BACKGROUND

I am an undergraduate at UC Santa Cruz pursuing a B.S. in Computer Science. I am a self-taught programmer and full stack software developer possessing experience with a wide variety of frameworks and environments. I have participated in many hackathons and coding competitions and have placed in several. I have also contributed to the open source community through initiatives such as Google Code-in, as well as working on new projects of my own.

## MY SKILLS

Java/C  
HTML/CSS/JavaScript  
Android  
Flutter  
AWS/GCP  
Firebase  
Alexa  
Node.js/PHP

## CONTACT INFORMATION

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## EXPERIENCE

**Miramonte High School**  
Aug 2017- Jun 2018

### TEACHING ASSISTANT

Worked with the students to help understand the material. Setup tools and database infrastructure used in class. Collaborated with the teacher to develop and explain lessons, and graded tests in Java.

**Sciensational Workshops**  
2015 & 2016 Summers

### ASSISTANT TEACHER

Worked with children age 7-13 at various community centers throughout the summer. Helped to explain and assemble robotics and science based projects promoting critical thinking and problem solving skills. Collaborated with the teacher to provide a fun and safe educational environment.

## EDUCATION & CERTIFICATES

**Bachelor of Science in  
Computer Science**  
2018-2022 (Current)

### UNIVERSITY OF CALIFORNIA, SANTA CRUZ

- Currently attending UC Santa Cruz as an intended computer science major.

**High School Diploma**  
2015-2018

### MIRAMONTE HIGH SCHOOL

- GPA: 4.02
- Societies: EECS, Game Design Club
- Received the 2018 department award for CS

**Android Development  
Course**  
2016

### UDEMY

🔗 Certificate

I completed an android course on Udemy focusing on the fundamentals of native android development.

**Java Programming  
Masterclass**  
2015

### UDEMY

🔗 Certificate

In an effort to expand my knowledge of Java beyond school I took a Java programming class on Udemy.

## PROJECTS

### Flutter Chat

2018 🔗 [Github](#) (Dart/JS/Flutter/Firebase)  
Flutter Chat is a simple chatting app built using the Flutter and Firebase. I used Flutter as a cross-platform mobile framework and Firestore realtime database as the backend.

### Average Weather

2016 🔗 [Github](#) (Java/XML/PHP/Android)  
Average Weather aggregates data from multiple sources to improve accuracy. It provides daily predictions seven days into the future, and hourly forecasts five days ahead. The app uses shared element transitions for seamless material animations between activities and fragments. The webservice for aggregating the data is written in PHP.

### Pixel Sheet

2018 🔗 [Github](#) (JS/HTML/CSS/Node)  
Pixel Sheet is a google drive extension that allows a desired image to be easily inserted into a google sheet. It divides the image into the specified number of columns and rows and averages the image colors over each new area. The background color of each cell is then set to the appropriate color.

### SnaiX

2015 🔗 [Github](#) (HTML/CSS/JS)  
A simple snake game, one of my first projects in to learn interactive web design. It was written entirely in vanilla JavaScript.