

# Akhil Sukhthankar

Cupertino, CA · akhilsukh01@gmail · 408-806-2004 · akhilsukh.com

## EDUCATION

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University of California, Berkeley

Berkeley, CA

B.A. Computer Science GPA: 4.0

Expected Graduation - June 2023

Relevant Coursework - Data Structures and Algorithms (*Java*), Web Development (*JavaScript, Express, Handlebars*), Linear Algebra

## SKILLS

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Languages: Java, Python, C++, JavaScript, Dart, HTML/CSS, SQL

Frameworks React, Next.js, Express, Node.js, Flutter

Tools JetBrains/Android Studio, Firebase, Netlify/Vercel, Figma, Unix

## EXPERIENCE

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Oregon State University

Corvallis, OR

*Student Information Technology Support*

January 2020 - December 2020

- Provided support to **28k** students, **2k** faculty members, and high-priority OSU clients both on-site and over the phone by identifying, researching, and resolving technical problems. Established remote support services and wrote documentation for the Information Services department, necessary to support the entire university body during the early months of the pandemic.
- Functioned as a knowledgeable, first-call resource for peers, and a reliable mentee for senior technicians and supervisors, closing **400+** tickets and working 20 hrs/week. On-boarded and trained **8** new student employees to proficiency within just 3 months.
- Hands-on experience with Duo, Microsoft BitLocker, Active Directory, Avaya, Windows imaging, IP/DNS management system.

Truckory - Quest Institute

San Jose, CA

*Junior Software Engineer*

June 2017 - August 2017

- Developed an Android prototype for an incubator developing a platform for the trucking industry. Learned to convert ideas from brainstorming sessions with non-developer members into tangible results within days from structural to UI updates.
- Utilized Google's Map APIs and Firebase platform to manage user logins and provide drivers with directions for pickup/dropoff.

## PROJECTS

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CCAdvisory *React, Next.js, Tailwind CSS*

ccadvisory.org

- Designed a platform for community college students with resources on UC/CSUs and advising on their transfer applications.
- Led a team of 5 writers, editors and advisors with weekly meetings and devised a purpose-driven workflow for each member using Kanban, Slack and GitHub. Oversaw the production of **15+** high-quality articles solely within the first month and secured over **500+** unique monthly visitors within the past year.

CATS (CS61A Autocorrected Typing Software) *Python*

cats.cs61a.org

- Constructed a typing software using Python that calculated wpm and accuracy. Implemented a heuristic autocorrect algorithm that detects misspelled words and suggests words from 3 thematic datasets (**10k** words) based on mathematical closeness.

Seismos *Flutter, Firebase*

seismos.akhilsukh.com

- Engineered an Android app that introduced high-quality instructions and resources for creating homemade disaster kits.
- Utilized United States Geographical Survey API and Google Maps API to visualize smart geomapping. Used Firebase Realtime Database and Cloud Messaging to alert users about nearby earthquakes. Acquired **650+** total downloads in over **60** countries.

DL Earthquake Capture *Java*

- Created an Android app for a Cal-Poly professor Dr.Pantoja's research assessing structural damage to buildings after earthquakes.
- Streamlined the data collection process for volunteers to be able to capture, tag, and export metadata for training Dr.Pantoja's deep learning algorithms, making it faster and more accessible than the old desktop tool that lacked certain tagging capabilities.

MV Times *Java, Figma*

mvtimes.akhilsukh.com

- **BaseHacks 2019 Best Design Winner** - Led a 4-person team against **50+** competing projects to design and produce a Java-based Android prototype using Figma and Google Material guidelines to manage high school student class schedules and notify users on latest school events and updates. Implemented this app later for Monta Vista High School and received **150+** downloads.

## AWARDS

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Dean's List *Oregon State University*

2019-2020

- Placed on the Dean's List consecutively for 3 quarters by maintaining a **4.0** GPA whilst taking **45+** credits.