

# Anish Saha

Full Stack Developer | Student @ UC Berkeley

+1 408.806.8843    asaha@berkeley.edu    [anish-saha.github.io](https://github.com/anish-saha)    2520 Hillegass Ave, Berkeley, CA 94704

## PROFILE

Third-year student studying Applied Mathematics and Computer Science at UC Berkeley. Open-minded and diligent software developer seeking interesting and impactful projects.

## EXPERIENCE

### QUANT FIVE · Full-Stack Developer · 2017

- Paid internship for Bay Area startup, involved in all stages of development and design of Safesign
- Website: [safemail.quantfive.org](https://safemail.quantfive.org)

### INVENTION CORPS · Finance Chair · 2017

- Worked on hygiene initiative solution web application for schools in Tamil Nadu
- Maintained organization website
- Created budget and received funding from Stanford Design School Fellowship

### UC BERKELEY · Academic Intern · 2016

- Taught students in intro class - CS61A
- Graded and debugged student projects and coding assignments

## LANGUAGES

Python / Java

HTML / CSS / Javascript

Swift / Objective-C

C / C++

SQL / NoSQL

## SOCIAL MEDIA



[github.com/anish-saha](https://github.com/anish-saha)



[linkedin.com/in/anish-saha](https://linkedin.com/in/anish-saha)

## EDUCATION

### University of California, Berkeley

Berkeley, CA · 2015 — Present

### Archbishop Mitty High School

San Jose, CA · 2011 — 2015

## PROJECTS

### SAFESIGN · Python, React.js · 2017

- Web application used for e-signing documents securely
- Backend: Involved in development of Two-Factor Authentication, Document Parsing, User Account Management, and Biometric Verification
- Frontend: Involved in design and development of Profile Creation, Sign Up / Log In Workflow, Mobile Compatibility, Email Verification, Password Management, and more

### SNAPCHAT 2.0 · Swift · 2017

- Built a basic iOS SnapChat emulator from scratch using Swift and Firebase with a few personal twists
- Supports sending, receiving, and uploading snaps using Camera Roll or built-in device camera

### SPEECH ASSISTANT · HTML, CSS, Node.js · 2017

- Helped build an Alexa skill using Amazon AWS Lambda and Node.js to create an assistant that could help users memorize custom or built-in speeches stored in DynamoDB
- Created web application to upload speeches, search for user-submitted speeches, and display all speeches

### ATAXXX · Java · 2016

- Developed a turn-based game similar to Othello
- Implemented manual player functionality as well as an advanced AI using recursive game trees
- Built a minimalistic GUI for an improved user experience

## COURSEWORK

- CS 61A – Computer Program Structure/Interpretation
- CS 61B – Data Structures
- CS 61C – Computer Architecture
- CS 70 – Discrete Mathematics and Probability Theory
- CS C100 – Principles and Techniques of Data Science
- CS 160 – User Interface Design and Development
- CS 161 – Computer Security
- CS 198 – iOS and Android Development
- MATH 53 – Multivariable Calculus
- MATH 54 – Linear Algebra and Differential Equations
- MATH 110 – Advanced Linear Algebra
- MATH 128A – Numerical Analysis