

Anish Saha

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EXPERIENCE

QUANT FIVE – Berkeley, CA

Software Engineering Intern (May 2017 – Present)

- Backend software developer, using Django (Python framework) for large-scale web application
- Worked on Two Factor Authentication, Document Parsing, User Account Management

BERKELEY INVENTION CORPS – Berkeley, CA

Finance Chair (January 2017 – Present)

- Working on hygiene initiative solution for poor regions of India; involved with development of web application
- Designed and maintained front/backend for website
- Created budget and received funding from Stanford School of Design Fellowship

UC BERKELEY – Berkeley, CA

Academic Intern (June 2016 – January 2017)

- Helped teach students in intermediate CS class
 - Assisted students with debugging projects
 - Graded student assignments and code
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EDUCATION

- University of California, Berkeley
Berkeley, CA (2015–Present)
 - Archbishop Mitty High School
San Jose, CA (2011–2015)
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LANGUAGES

Advanced Proficiency

- Java
- Python
- HTML
- CSS
- C/C++
- Git

Moderate Proficiency

- Swift
- SQL
- MATLAB
- PHP
- JavaScript
- MIPS/Assembly

OBJECTIVE

Incoming third-year Applied Mathematics and Computer Science major at UC Berkeley. Open-minded, curious, and diligent student seeking interesting and impactful projects.

PROJECTS

SAFESIGN (2017)

- Backend developer (Quant Five) for web app designed for securely e-signing documents
- Used Django and a variety of open-source APIs

ATAXXX! (2016)

- A turn-based board game similar to Othello
- Implemented manual player as well as an advanced AI using recursive game trees
- Built a user-friendly GUI using Java

SNAPCHAT CLONE (2017)

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

SPEECH ASSISTANT (2017)

- Helped build an Alexa skill using Amazon AWS and Node.js frameworks to create an assistant to help users memorize custom or built-in speeches
 - Created web application using DynamoDB to upload custom speeches and display speeches in database
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COURSEWORK

- CS61A - Computer Program Structure/Interpretation
- CS61B - Data Structures
- CS61C - Computer Architecture/Machine Structures
- CS70 - Discrete Mathematics and Probability Theory
- CS160 - User Interface Design and Development
- CS198 - iOS and Android Development
- MATH53 - Multivariable Calculus
- MATH54 - Linear Algebra and Differential Equations
- MATH110 - Advanced Linear Algebra