Anish Saha

Full Stack Developer | Student @ UC Berkeley

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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 ENGINEERING
Full-Stack Developer · May 2017 - Aug 2017
· Paid internship for Bay Area startup, involved in all stages of development and design of Safesign
· Involved in both frontend and backend programming for the web application

INVENTION CORPS OF BERKELEY
Finance Chair · Jan 2017 - Aug 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

DATA SCIENCE FOR INDIA
Web Developer · Aug 2017 - Present
· Involved with the development of Data Science for India organization website
· Assisted in development of curriculum for teaching high school students in India the basics of data science

UC BERKELEY COMPUTER SCIENCE
Academic Intern · May 2016 - Dec 2016
· Taught students in intro class (CS61A)
· Graded and debugged student projects and coding assignments

LANGUAGES

I've also worked with MATLAB, LaTeX, GoLang, R, Scala, and other cool creative tools.

Python / Java

Front-end Frameworks (HTML / CSS / JS)

C / C++

Swift / Objective-C

SQL / NoSQL

EDUCATION

University of California, Berkeley
Berkeley, CA · 2015 — Present · GPA: 3.10

Archbishop Mitty High School
San Jose, CA · 2011 — 2015 · GPA: 4.50

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, Objective-C** · 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

See more cool projects at github.com/anish-saha!!!

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 98 – Introduction to MATLAB Programming
- MATH 110 – Advanced Linear Algebra
- MATH 128A – Numerical Analysis