

Anish Saha

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EXPERIENCE

UC BERKELEY – Berkeley, CA

Academic Intern (June 2016 – Present)

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

SANTA CLARA UNIVERSITY – Santa Clara, CA

Research Intern (May 2014 – January 2015)

- Worked on green concrete design project led by Prof. Mark Aschheim
- Conducted research on use of organic materials in concrete to increase its viability and cost efficiency
- Used MATLAB data analyzation software to substantiate hypotheses
- Helped write research report on viability of organic material in concrete manufacturing

ARCHBISHOP MITTY IT SUPPORT – San Jose, CA

Teacher Assistant (August 2012 – May 2014)

- Assisted in development and organization of pilot iPad program
 - Resolved technical issues on iOS, Microsoft, and OSX platforms for faculty and students
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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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COMPUTER LANGUAGES

Advanced Proficiency

- Java
- Python
- HTML
- CSS
- Git

Moderate Experience

- Swift
- SQL
- Scheme
- C/C++/C#
- JavaScript / jQuery

OBJECTIVE

Computer Science major at UC Berkeley with three years of experience in IT and object-oriented programming. Open-minded, curious, and diligent student seeking interesting projects.

PROJECTS

VIRUS SIMULATION (2015)

- Converted the mathematical concepts and models of exponential growth/decay into a simulation of virus populations
- Added interesting features such as the influence of drugs given common statistics

SCHEME INTERPRETER (2016)

- Built a working version of a Scheme Interpreter
- Created reader and evaluator for the project, successfully simulated common functions (add, list, lambda, define, etc.)

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

MEME-IFY (2016)

- Built a Chrome extension that replaces all images on current webpage with a random funny image or gif
 - Utilized Javascript and HTML to manipulate displayed website content
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RELEVANT COURSEWORK

- CS61A - The Structure and Interpretation of Computer Programs
- CS61B - Data Structures
- CS61C - Machine Structures
- CS70 - Discrete Mathematics and Probability Theory
- CS198 - Group Studies - Advanced Undergraduates
- MATH53 - Multivariable Calculus
- MATH54 - Linear Algebra and Differential Equations
- MATH110 - Advanced Linear Algebra