SAJAL SHARMA

EDUCATION

UC Berkeley

Berkeley, CA · August 2017 – May 2021

Bachelor's in Computer Science and Economics

University High School

Irvine, CA · September 2013 – June 2017

Weighted GPA: 4.49
ACT Composite Score: 35 (out of 36)

EXPERIENCE

Jupyterhub Discovery Engine Project

Berkeley Institute of Data Science · September 2017 - Present

- Develop Jupyter Notebook extensions as an undergraduate researcher to help facilitate the discoverability and reuse of datasets for research, course modules, and assignments
- Create API packages that allow users to search for datasets by keywords and load resulting datasets into Jupyter Notebook
- Collaborate with other undergraduate researchers to allow datasets to be explored and visualized within Dataverse

PROJECTS

DoEverythingBar

CalHacks 4.0 · October 2017

- Designed a command interpreter for web browsers that allows general users to control everyday applications
- Won Best Web Application and placed in the top 6 overall (among 216 team entries and 2500 participants)
- Integrated OAuth services to securely gain access to a user's account through log-in credentials
- Added Skype and Google Suite functionality by using the Skype Call API, Google Maps API, and Google Calendar API
- Created using HTML, CSS, JavaScript, and Node.js

The Finance Category Project

Hack Into It · September 2017

- Developed a mock-website that allows users to categorize spending habits, compare their habits with peers in the same demographics, and freeze spending on certain retailers

AWARDS

National AP Scholar	August 2017
Summa Cum Laude	May 2017
California Scholarship Federation Finalist	May 2017
Commended National Merit Scholar	March 2017
Orange County Speech League Qualifier	January 2017
Orange County Speech League Qualifier	November 2016

CONTACT

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COURSEWORK

UC Berkeley

- Structure and Interpretation of Computer Programs
- Designing Information Devices and Systems I
- Foundations of Data Science
- Probability and Mathematical Statistics in Data Science

University High School

- AP Computer Science
- AP Calculus BC
- AP Statistics
- AP Physics 1
- AP Physics 2
- AP Macro-Economics

SKILLS

Programming

- Java 8 and beyond
- Python 3.6
- HTML and CSS
- Swift
- Familiar with Scheme
- SQL

Other

- Microsoft Office
- Google Suite
- Fluent Spanish and Hindi

VOLUNTEER

Computer Tutoring

Laguna Hill Library

- Tutored senior citizens how to use computer applications in weekly lessons
- Taught Microsoft Office, Google Suite, email, and social media