Sai Yandapalli

Software Engineer

Current student at the University of California, Berkeley, double majoring in Computer Science and Data Science.

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PROFESSIONAL EXPERIENCE

Full-Stack Engineer Intern
CatalistX

04/2018 – Present
A social network that fosters connections between students, organizations, and startups for mutual growth. I worked on the Bear Founders project.

- Developed the back-end and front-end of 3+ central pages for new version of the product, such as the 'Resources' and 'Stories' pages.
- Improved UI/UX and efficiency while spearheading 4+ projects involving Django, Python and HTML/CSS/Javascript.

Web Developer, Android Developer
Mobile Developers of Berkeley

08/2018 – Present
UC Berkeley's premier mobile development incubator.

- Plan, design, and develop mobile and web applications from scratch.
- I'm currently a part of the iOS/Android development training bootcamp, learning about ideation, design, and implementation.
- Built four applications using Android Studio, Firebase, Threading, UI/UX Concepts, Services, JSON, and currently working on more.

Course Staff, Paid Tutor
Data 8: "Foundations of Data Science"

12/2017 – Present
A course that teaches Python programming and statistical tools.

- Tutor, assist, and guide 30+ students with course material in labs/OH.
- Facilitate and lead 2 tutoring sections & grade 90+ problems weekly.

Club Officer, Course Facilitator, Hackathon Mentor
Berkeley ANova

12/2017 – Present
A student organization dedicated to improving computer science education in under-resourced communities across the Bay.

- Teach programming concepts weekly at under resourced schools.
- Facilitate a 60+ student (2-unit) course: "STEM Education in the Bay".
- As an officer, I organize a club of 70+, and a hackathon of 50+ hackers.

Founder, Lead Manager
San Diego Sai Baba Spiritual Center

09/2014 – Present
A non-profit organization (temple) birthed to help financially challenged and religiously excluded individuals.

- Raised $18,000 for promotion, construction & initial development.
- Managed the design, marketing, fundraising, & development teams.

EDUCATION

Computer Science (B.A.) & Data Science (B.A.)
University of California, Berkeley

2017 – Present *Graduation Date: Spring 2021*

- Overall GPA: 3.96
- Technical GPA: 4.00

LANGUAGES & TECHNOLOGIES

Python | HTML | CSS | Java | Javascript | R | Django | Android Studio | Scheme | SQL | jQuery | Jupyter | Adobe | LaTex | Git | Firebase

HONORS

ViaSat's "Future Innovator" Award
2017 Award Recipient

Ford's "Salute to Education" Award
2017 District Winner

Elks "Most Valuable Student" Award
2017 California Winner, National Finalist,

PROJECTS

saiyandapalli.com (Web Application)
- Technology: HTML, CSS, Javascript, jQuery, and Adobe Software.
- My personal website I created from scratch (no template). Utilizes important UI/UX Concepts, efficiency, and reflects my personal character and values.

Bear Central (Android/iOS Application, on App/Play Store)
- Technology: Java, Python, Android Studio, Firebase, and Adobe software.
- An cross-platform mobile application to improve the lives of UC Berkeley students. The app provides services such as Events, Interactive Maps, Tools, and Resources that a Berkeley student would need on a day-to-day basis!

Medicare and Medicaid (Data Analysis in R/Python)
- Technology: R and Python.
- A data analysis project that utilizes principal component analysis, visualization of distributions, and group comparison methods to identify trends in patient payments in relation to other variables.

Social Snack (Android Application)
- Technology: Java, Android Studio, Firebase, and Adobe Software.
- An android app built to foster connections and battle loneliness, through food. One can easily use this app to find people around to eat with, on the go! This app utilizes many views, and is currently undergoing improvements for UI/UX.

COURSEWORK

Computer Science:
Structure and Interpretation of Computer Programs, Designing Information Devices and Systems, Web Design (P), Data Structures (Present)

Data Science:
Foundations of Data Science, Principles and Techniques of Data Science (Present), Statistical Methods of Data Science

Statistics & Mathematics:
Discrete Mathematics and Probability Theory, Statistical Methods of Data Science

UI/UX & Design:
Thinking Through Art and Design, Web Design

Spring 2019 Courseload:
Efficient Algorithms and Intractable Problems, Machine Structures, Security