Sai Yandapalli

Software Engineer

Rising junior at UC Berkeley, double majoring in Computer Science & Data Science and pursuing a Certificate in Entrepreneurship & Technology (SCET).

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EDUCATION

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

08/2017 – 12/2018 *Graduation Date: Spring 2021*

- Overall GPA: **3.923**
- Technical GPA: **3.914**

PROFESSIONAL EXPERIENCE

Software Engineer Intern
Workday

05/2019 – 08/2019
Workday offers enterprise-level software solutions for financial management, human resources, and planning.

- Worked on the Object Management Services and Security team.
- Used Spring Boot, React, Logstash, Elasticsearch, Java, Python, and Ruby to develop a tool to help analyze 100+ various security processes within Workday, and optimize these procedures.

Software Engineer Intern
CatalistX

04/2018 – 12/2018
A social network that fosters connections between students, organizations, and startups for mutual growth. I worked on the Bear Founders project.

- Developed the backend and frontend 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 – 12/2018
UC Berkeley's premier mobile development incubator.

- Plan, design, and develop mobile and web applications from scratch.
- 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 – 12/2018
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 – 12/2018
A student organization dedicated to improving computer science education in under-resourced communities across the Bay.

- Teach programming concepts weekly at under resourced schools.
- As an officer I organize a club of 60+, and a hackathon of 50+ hackers.

LANGUAGES & TECHNOLOGIES

Python | HTML | CSS | Java | Javascript | Django | R | Android Studio | Scheme | SQL | Spring Boot | jQuery | Jupyter | React | Firebase | Elasticsearch

HONORS

Capital One SES Summiteer & Hackathon Winner
2019 Software Engineering Summit Winner

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

Orbit (Web | Mobile component on App/Play Stores)
- Technology: Java, Javascript, Android Studio, Firebase, and Swift.
- Orbit brings together your organization's most essential resources, all in one place. Powered through Google sheets, the platform allows your organization to start up a mobile app in 5 minutes with no dev experience necessary.

saiyandapalli.com (Web)
- 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 Stores)
- Technology: Java, Python, Android Studio, Firebase, and Adobe software.
- A cross-platform mobile application that provides UC Berkeley students with services such as Events, Interactive Maps, Tools, and Resources.

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.

COURSEWORK

Computer Science:
Structure and Interpretation of Computer Programs, Designing Information Devices and Systems, Web Design, Data Structures, Efficient Algorithms and Intractable Problems, Machine Structures, Artificial Intelligence, Operating Systems

Data Science:
Foundations of DS, Principles and Techniques of DS, Statistical Methods of DS

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

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