Sai Yandapalli

Software Engineer

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

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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 – Present
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.

Vice President, Hackathon Mentor, Officer
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.
- As VP I organize 70+ mentors, 10+ sites & a hackathon of 80+ hackers.

EDUCATION

Computer Science (BA) & Data Science (BA)
University of California, Berkeley

08/2017 – 05/2021   *Graduation Date: Spring 2021*

- Overall GPA: **3.92**   - Technical GPA: **3.91**

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 & Interpretation of Computer Programs, Designing Information Devices & Systems, Web Design, Data Structures, Efficient Algorithms & Intractable Problems, Machine Structures, Artificial Intelligence, Operating Systems, Computer Security

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

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

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