Sai Yandapalli

Software Engineer

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

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PROFESSIONAL EXPERIENCE

Founder, Lead Manager
San Diego Sai Baba Spiritual Center

09/2013 – Present

A non-profit organization (temple) birthed to help financially challenged and religiously excluded individuals.

- Raised $18,000 for construction and initial development.
- Created STEM education programs (i.e. Computer Science).
- Led design, marking, fundraising, & development teams.

Full-stack Developer Intern
Bearfounders ⬈

04/2018 – Present

A social network that fosters connections between students, organizations, and startups for mutual growth.

- Use Django and Python to build models and framework.
- Create web applications and views for Version 2 of platform.

Club Officer, Course Facilitator, Site Tutor
Berkeley ANova ⬈

12/2017 – Present

A student organization dedicated to improving computer science education in under-resourced communities across the Bay.

- Teach students programming weekly at Willard Middle.
- Facilitate ANova's 2-unit course "STEM Education in the Bay".
- Help organize "ANova Hacks" as a hackathon mentor.

Tutor, Course Staff
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.
- Help conduct and manage labs and office hours properly.

EDUCATION

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

2017 – Present   *GPA: 3.96*

- Structure & Interpretation of Computer Programs
- Designing Information Devices & Systems I
- Web Design
- Foundations of Data Science
- Statistical Methods for Data Science
- Discrete Mathematics Probability Theory

LANGUAGES & TECHNOLOGIES

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

HONORS

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

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

ViaSat's "Future Innovator" Award ⬈
2017 Award Recipient

PROJECTS

saiyandapalli.com (Website) ⬈
- Technology: HTML, CSS, Javascript, and jQuery.
- My personal website I created from scratch (no template).

"tut" (Android Application)
- Technology: Java, Android Studio, Firebase, Git, and Adobe software.
- A location-based app that makes hiring an on-demand private tutor easy. It allows scholars to connect with local professionals/students.

Medicare and Medicaid (Data Analysis in R) ⬈
- 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.

INVOLVEMENTS

Data Science Society (12/2017 – Present) ⬈
Peer Advisor

Data Science Nexus (12/2017 – Present) ⬈
Consultant

National Honor Society (08/2014 – 04/2017) ⬈
Chapter President

INTERESTS

Web Development   Mobile Development   Design
Education   Data Science   Security   DevOps