Raj Thota

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CAREER OBJECTIVE

Passionate undergraduate student with a keen interest in entrepreneurship and computer science. Looking for relevant internship opportunities in web development, software engineering, and data analytics. Excellent communicator with a strong willingness to learn and thrive in any environment.

CORE COMPETENCIES

- Data Analysis - Python/R
- iOS Development - Swift
- Web Development - HTML/CSS/JavaScript
- Machine Learning - Python

EXPERIENCE

THE NOPROFIT WEBSITE SERVICES, Fremont, CA
Co-Founder/Chief Technical Officer, Jan 2018 – Dec 2020
- Founded organization offering pro-bono website development services to small local businesses and non-profit organizations possibly unable afford professional services
- Worked on development of 32 websites for various companies, specializing in front-end programming
- Managed objectives for organization, corresponded with clients offering services and ensuring specifications were met

THE ASPIRING SCHOLARS DIRECTED RESEARCH PROGRAM, Fremont, CA
Research Intern, Jun 2019 – Sep 2019
- Conducted machine learning research to model mortality risk factors for COVID-19 at patient level, 93.7% accuracy binary classification prediction model, pending publication in peer-reviewed journal
- Analyzed large datasets to search for trends between country-level conditions and mortality rates, visualized data through a variety of mediums
- Gained extensive experience working with Sci-Kit-Learn, Pydotplus, Numpy, Matplotlib Python libraries

PROJECTS

FOOD FOR THOUGHT - SIGMAHACKS I HACKATHON
Nov 2019
- Developed an iOS application and associated website allowing users to scan a food label to identify any harmful ingredients or allergens based on user profile
- Utilized optical character recognition algorithm along with CoreML in swift to develop smartphone application; HTML/CSS with Flask/Python to develop website application, placed 2nd out of ~100 teams at hackathon

Undersight - EpsilonHacks Hackathon
Jun 2020
- Developed political review website that allows users to be informed about politicians and political candidates so they could make informed voting decisions - users could leave ratings and reviews
- Utilized HTML/CSS/JavaScript for front-end development, placed 2nd out of ~70 teams at hackathon

EDUCATION

UNIVERSITY OF CALIFORNIA - BERKELEY, Berkeley, CA
Management, Entrepreneurship & Technology: Electrical Engineering/Computer Science, Business Administration
2021 - Present (GPA: 4.0/4.0)
- Relevant Coursework: Data Arts, Multivariable Calculus

OREGON STATE UNIVERSITY, Corvallis, OR
Non-Degree Student
2018 - 2020 (GPA: 4.0/4.0)
- Relevant Coursework: Social and Ethical Issues in Computer Science, Elements of Discrete Mathematics