Rishi Cadambe

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SKILLS

Languages: Python, JavaScript, C++, HTML/CSS, R | **Frameworks**: React JS, NodeJS, TensorFlow/Keras | **Technologies**: Windows Services, AWS, Git

PROFESSIONAL EXPERIENCE

BIODOCK INC   **Remote**
Software Engineering Internship   **June 2021 - August 2021**
- Utilized Python to implement a real-time file synchronization desktop application connecting a local file system and an AWS s3 bucket
- UI was developed using Python TKinter library, created a Windows Service to operate continuously in the background

MIAMI UNIVERSITY   **Remote**
Research Assistant   **December 2020 - August 2021**
- Created a series of Python and JavaScript scripts to parse through Monte Carlo simulation files with queries
- Assisted professor research light propagation through turbid media, code was used by graduate students

ALLIANCE FRANCAISE & MORE   **Dallas, TX**
Webpage Analytics Consultant   **August 2020 - August 2021**
- Helped local nonprofits to increase website traffic by almost 30% with Google Analytics, Search Console, and other site analytics tools
- Increased traffic flow, detected site problems, and brainstormed marketing techniques.
- Organizations included Girls Inc Dallas, Alliance Francaise, and A Different Breed

EDUCATION

ALLEN HIGH SCHOOL   **Allen, TX**
High School Diploma • **4.48 GPA** • **Top 4% of class**   **2018-2022**
- 2020 DECA Team Entrepreneurship Event State Winner/Internationals Qualifier
- Created French Honor Society Newsletter program
- 2022 Gold State in CyberPatriot competition, a cybersecurity team event
- Social Media officer in Standardized Testing Assistance Club, created initial membership of ~60 members

THE UNIVERSITY OF TEXAS AT AUSTIN   **Austin, TX**
Bachelor of Science in Statistics and Data Science   **2022-2026**
- *2022-2023 Director of Outreach in Quantum Collective*: Manage partnerships, sponsorships, and universities
- *Member* of ECLAIR (AI Robotic Arm), Texas Fencing, Effective Altruism

PROJECTS

PANEL: SCHEDULING APPLICATION   **January 2022 - April 2022**
- Developed a website using JavaScript/HTML/CSS to help students create customizable to-do lists and set timers to accomplish goals.
- Project Manager; led a team of 3 students and collaborated using Github

SELF TAUGHT MACHINE LEARNING   **January 2022 - April 2022**
- Self-studied Machine Learning and Deep Learning (Neural Nets) using textbooks, online courses and videos.
- Projects: Created a simple Neural Network from scratch, then used TensorFlow/Keras libraries to create projects. Most notable was an Attractiveness AI with an accuracy of ~60% (available on GitHub).