RISHI CADAMBE

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SKILLS

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

EXPERIENCE

June 2021 - August 2021	**Software Engineer Intern, *Biodock Inc.***

- Utilized Python to implement a real-time file synchronization desktop application connecting a local file system and an AWS s3 bucket
- Application leveraged Python TKinter library and created a Windows Service in background to operate continuously
- Worked in startup; gained business experience from discussions with CEO

December 2020 - August 2021	**Research Assistant, *Miami University***

- Created a series of Python and JavaScript scripts which can be used to strategically parse through Monte Carlo simulation files
- Worked with a professor researching light propagation through turbid media, gained an understanding of the research process and code was used by graduate students

August 2020 - August 2021	**Webpage Analytics Consultant, *Several Local Nonprofits***

- Worked with several local non-profits to increase webpage traffic with Google Analytics
- Helped increase traffic flow, detect site problems, highlighted key events which resulted in better performance, and brainstormed marketing techniques.
- Organizations include Girls Inc – Dallas, Alliance Francaise, and A Different Breed

EDUCATION

2018-2022	High School Diploma (International Baccalaureate)	***Allen High School**, Allen, TX*

- 2020 DECA Team Entrepreneurship Event State Winner/Internationals Qualifier
- Created French Honor Society Newsletter program
- Reached 2022 Gold State in CyberPatriot competition, a cybersecurity team event
- Top 4% of class | Weighted GPA: 4.48

2022-2026	Data Science bachelor's degree (currently pursuing)	***University of Texas at Austin**, Austin, TX*

PROJECTS

Machine Learning (ML) models	

- Utilized TensorFlow/Keras Python libraries to create Machine Learning systems for various functions, including an Attractiveness AI that assigns a value to the 'attractiveness' of a face and a Stock Predictor AI that predicts stock trends with technical analysis
- Learned to manipulate and clean data (worked with Microsoft Excel). Created models with Jupyter Notebook

Scheduling App	

- Developed website using JavaScript/HTML/CSS to help students create customizable to-do lists and set timers to accomplish goals.
- Led a team of 3 students, developed communication and leadership skills