OJAS PATEL

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EDUCATION

The University of Texas at Austin   Bachelor of Science, Computer Science   May 2021

Bachelor of Business Administration, Unspecified
Overall GPA: 4.0

EXPERIENCE

SparkCognition – *Machine Learning Assistance Intern;* Austin TX   September 2018 – Present
• Annotate images being used for drone-training machine learning algorithms

Cisco Systems Inc. - *Software Engineering and Supply Chain Operations;* Austin, TX   May 2018 - August 2018
• Developed a dashboard for data analytics and visualization to aid in determining calibration values and viewing product data
• Technologies used: **Python**: Bokeh, H2o, Pandas/ **SQL**
• Assembled a tool to aid in Bill of Material risk assessment with the purpose of easing communication and providing in-depth
  product analytics; won second place in the Supply Chain Intern Case Competition with this project

Cisco Systems Inc. – *STEM Summer Program;* Allentown, PA   July 2016
• Designed a graphical photodiode model in Python that took user input to describe the relationship between internal diode
  current and voltage

PROJECTS

Yelp Collaborative Filter
• Created a web application surrounding the Yelp dataset to provide a collaborative recommendation system to users based
  on fields such as location, other user ratings, and type of food

Raspberry Pi
• Examined basic automation by constructing a semiautonomous RC car that would move according to user input and used
  motion sensors to ensure it would not collide with foreign objects

Huffman Coding - Data Structures (CS 314)
• Engineered a Huffman coding algorithm to both compress and uncompress files

ACTIVITIES

Robotics and Automation Society – *IEEE Robotics Team Member*   Fall 2017 – Spring 2018
• Devised the autonomous strategy for the team's robot to solve the challenge
• Built libraries to execute various movements and implement the solution

Convergent - *Active Member*   Fall 2018 - Present
• Presented my startup idea, FRESHchef, at the UT Fishbowl competition, placing second in my room
• Worked with a team of developers to explore entrepreneurship and learn how to market our ideas into viable products

ADDITIONAL INFORMATION

Technical Skills: Python, Java, JavaScript, HTML, CSS, SQL
• Proficient in **Java** and **Python**
• Experience with **JavaScript**, **HTML/CSS**, and **SQL**
• Exposure to frontend and backend development and data visualization
Work Eligibility: Citizen of the United States of America
Community Involvement: Gained leadership experience through various youth leadership roles during events organized by
the Spandna foundation and Kite flying festival of Allentown as well as annual International retreats of All World Gayatri
Pariwar