OJAS PATEL

patelojasv@gmail.com • patelojas@utexas.edu • LinkedIn.com/in/patelojas
ojaspatel.com • (484) 664-8667

EDUCATION

The University of Texas at Austin   Bachelor of Science, Computer Science   May 2020

Bachelor of Business Administration, Quantitative Finance
Overall GPA: 4.0

SKILLS

Programming Languages: Java, Python, HTML, CSS, SQL, JavaScript
Software: Git, Anaconda, Hadoop
Skills: Front End Development, Back End Development, Data Visualization, Flask

EXPERIENCE

SparkCognition – *Machine Learning Assistance Intern;* Austin TX   September 2018 – Present
- Support project team by creating scripts to simplify the current workflow (**Python**)

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**
- Predicted calibration values for routers being used on production floors, reducing the time of manual calibration for 144 points to only 12 points
- 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 that took user input to describe the relationship between internal diode current and voltage (**Python**)

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 (**Python, Pandas, HTML, CSS, Flask, SQL**)

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 (**Python**)

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

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 4th overall
- Worked with a team of developers to explore entrepreneurship and learn how to market our ideas into viable products

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 retreats of All World Gayatri Pariwar