

# OJAS PATEL

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## EDUCATION

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<b>The University of Texas at Austin</b>	Bachelor of Science, Computer Science	May 2021
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Computer Science GPA: 4.0/ Overall GPA: 3.9226

## SKILLS

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**Programming Languages:** Java, Python, C, HTML, CSS, SQL, JavaScript

**Skills:** Back End Development, Data Visualization, Flask

## EXPERIENCE

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<b>Nike, Inc.</b> – <i>Technology Intern; Beaverton, OR</i>	May 2019 – August 2019
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- Assist the Enterprise Financial Solutions team's new retail invoicing system by creating a dashboard that empowers team members other than lead engineers to diagnose the health of new services through visualizing logging information
- Create and improve deployment pipelines throughout Enterprise Finance to allow for automated testing and deployment
- Technologies used: **AWS, Python:** Bokeh, boto3, Pandas, Flask, Selenium, **Okta, Jenkins, Groovy**

<b>SparkCognition</b> – <i>Machine Learning Assistance Intern; Austin, TX</i>	September 2018
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- Supported project team by creating scripts to simplify the current workflow (**Python**)

<b>Cisco Systems Inc.</b> - <i>Software Engineering and Supply Chain Operations Intern; Austin, TX</i>	May 2018 - August 2018
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- 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

## 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**)

## ACTIVITIES

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<b>Convergent</b> - <i>Active Member</i>	Fall 2017 - Present
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- Presented my startup idea, FRESHchef, at the UT Fishbowl competition, placing 4<sup>th</sup> overall
- Worked with a team of developers to explore entrepreneurship and learn how to market our ideas into viable products

<b>Campus Events and Entertainment</b> – <i>Active Member</i>	Fall 2018 – Present
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- Plan events on campus in conjunction with the University for students and the community as a whole, including Forty Acres Fest, the biggest student run event at the University of Texas
- Maintain relationships with local businesses to receive donations and sponsorship
- Lead coordinator for Texas Independence Celebration where it was necessary to speak to other groups at UT and the governing body, plan advertising that would be presented to the entire student body, and develop a day-of work schedule

<b>Code Orange</b> – <i>Vice President</i>	Fall 2018 – Present
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- Teach kids at a recreational center in Austin about basic computer science ideas using tools such as Scratch and Code.org
- Manage finances for the organization through budget planning, deciding on purchases, and communicating with the computer science department
- Oversee the logistics behind one of the two recreational centers we visit and of the organization as a whole