

# CELINA RABE

Full Stack Developer

celinarabe@utexas.edu • LinkedIn.com/in/celina-rabe

## EDUCATION

---

**The University of Texas at Austin** Bachelor of Business Administration, Management Information Systems May 2019  
Minor in Computer Science  
GPA: 3.7

**SKILLS:** Python, Java, C#, Javascript, HTML/CSS, SQL, Bash, PostgreSQL, Flask, Angular JS, ASP.NET, Bootstrap, Postman, Google Cloud, Webpack, npm, nodeJS

## EXPERIENCE

---

**Occidental Petroleum - Network Security Analyst;** Houston TX July 2019 – Present

- Discovering 500+ application vulnerabilities by creating dynamic report using Python, Angular JS, and Cisco API
- Reducing volume of email requests by 80% through automating Active Directory management in PowerShell
- Delivering Agile audit certifications to incorporate iterative cross-department feedback in 2 week sprints
- Slashed software costs by \$80,000 by negotiating pricing and consolidation while ensuring the continuation of services

## PROJECTS

---

**CUNY Hackathon** – <https://devpost.com/software/sky-s-the-limit> January 2021

- Engineered backend carbon emissions calculator using Javascript to allow user to view personal carbon footprint
- Deployed user dashboard and rewards system using Web Storage API to create persistent user data upon login
- Conceptualized app design using wireframe tool Figma, to establish team project goals and vision

**MIS333K Bevo's Books Competition** Fall 2018

- Created CRUD bookstore website used by customers and employees to purchase and manage books
- Programmed full stack search functionality using ASP.NET framework, allowing users to search on 6 criteria
- Placed third among 33 competing teams and received raw score of 97/100 based on performance and creative solutions

**CS324E Software Engineering** Fall 2018

- Designed full stack informational website using Python, SQL, and HTML allowing students to view book information
- Maintained PostgreSQL database architecture using SQL Alchemy and unit testing to confirm consistent data
- Established app routing using Flask framework, allowing users to easily navigate, search, and view available books

**MIS374 Business Systems Development** – [recalibratemind.com/book](https://recalibratemind.com/book) Spring 2019

- Collaborated with a team of five to design booking system for local Austin startup in 4 months
- Managed Agile consulting team using clear objectives and tasks throughout the development process
- Resulted in a self service booking and purchase system for 50+ individual and corporate customers

**Educators for PISD Campaign** – [educatorsforpisd.com](https://educatorsforpisd.com) May 2020 – Present

- Launching campaign website to increase online presence and engagement for 4 local candidates
- Customized outreach strategy by analyzing Texas voter data and identifying 500 local high turnout voters
- Implementing electronic donations API, resulting in a 50% increase in monetary contributions