# CELINA RABE

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## EDUCATION

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| **The University of Texas at Austin** | Bachelor of Business Administration, Management Information Systems<br>Certificate: Computer Science<br>GPA: 3.7 | May 2019 |
| **Sorbonne University** | AIFS Intensive French Language Program in Paris, France | Summer 2017 |

## EXPERIENCE

**Occidental Petroleum** – *Network Security Analyst;* Houston, TX                                                     July 2019 - Present
- Designed an endpoint security report using Cisco APIs and Angular JS to track vulnerable applications on a network of 1000+ assets
- Directed 10 IT advisors to create a self-help automated request which limited the volume and frequency of requests via email
- Negotiated vendor renewal terms and app consolidation based off criticality and customization for cost savings of $80,000
- Launched Active Directory management software to track actions on 30,000 managed identities in 3 global regions

**Bell Helicopter** – *Integrated Operations Intern;* Austin, TX                                                     May 2018 – August 2018
- Converted internal helicopter data into actionable insights using Python Pandas to formulate individualized warranty strategies
- Charted the forecast financial ratio (HPU) of production of rotors, allowing management to assess business continuity goals
- Developed standardized business rules on indirect/direct reports to create a centralized measure of business performance

## PERSONAL PROJECTS

**Natural Language Processing** – *Amazon Review Sentiment Analysis*                                                     Summer 2020
- Built predictive model using Python library Scikit-learn to predict negative/positive sentiment of 2000 Amazon user reviews
- Increased accuracy of the Linear SVM Classifier using Grid Search resulting in mean accuracy of 0.82 and F1 scores greater than 0.8
- Executed Bag-of-Words Model and Term Frequency Inverse Document Frequency Vectorizer to quantitatively measure input text

## ACADEMIC PROJECTS

**Web Application Development** – *bestbooksstore.azurewesites.net*                                                     Fall 2018
- Developed a book store website using ASP.NET MVC 5 complete with functionality such as searching for books and running reports
- Received raw score of 97/100 and placed third among 33 competing teams based on performance and delivered client value
- Enhanced front end programming skills by incorporating Google Fonts API and UI Tool Argon Design System

## LEADERSHIP EXPERIENCE

**System Development** – *Client: Recalibrate*                                                     Spring 2019
- Built an end user booking system for a local startup, allowing complete appointment customization and electronic paperwork
- Collected feedback from teammates several times throughout the semester to make improvements to the project management
- Set short-term goals for each member and daily stand ups to improve productivity and to track progress throughout the semester
- Oversaw weekly in-person stakeholder meetings and agendas to create clear and effective client communication

## VOLUNTEER EXPERIENCE

**WordPress Website**– *votejaay.com;* Houston, TX                                                     Fall 2020
- Identifying 5000+ high propensity voters using Texas Voter Activation Network (VAN) to assure awareness of campaign
- Developing a school board campaign website to increase online presence and engagement for 4 local candidates
- Implementing Piryx Rest API to allow supporters to easily donate resulting in $100 in electronic contributions

## ADDITIONAL INFORMATION

**Computer Skills:** Python, Flask, Swift, Java, HTML/CSS, SQL, Angular JS, Git, Powershell, Active Directory, Azure DevOps
**Languages:** Working knowledge in French
**Interests:** Foosball, Golf, Traveling
**Work Eligibility:** Eligible to work in the US and EU with no restrictions