**Alex Casas**

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**EDUCATION**

**Syracuse University**, School of Information Studies May 2023

**BS Information Management & Technology** | Concentration: Information Security Management

**Relevant Coursework:** Intro to Computer Networking | Info Reporting & Presentation | Managing Info Systems Projects | Applications Programming for Information Systems (Python) | Intro to Info-Based Organizations | Introduction to Database Management Systems (SQL) | Intro to Applied Data Science (R)

**Syracuse University**, London Study Abroad Summer 2022

**PROGRAMMING PROJECTS**

**Intro to Applied Data Science |** Final ProjectOctober 2022 – November 2022

* Using RStudio, I cleaned and restructured a 7000+ row dataset assigned to me by my professor
* Analyzed and visualized the data by creating histograms, tables, and a choropleth map of the US
* Developed and trained various predictive models, including decision trees and support vector machines and evaluated their outcomes using confusion matrices

**Applications Programming for information Systems** | News Sentiment Analysis March 2020 – April 2020

* Using Python, I created a program that scraped a variety of websites to return news articles and their headlines
* Put each of the headlines through a sentiment analysis API and compartmentalized them into positive news and negative news
* Created a program that allowed users to filter news articles based on their sentiment, providing them with the option to view either positive or negative news. As well as included clickable links to access the articles

**WORK EXPERIENCE**

**Server**, Haagen-Dazs, Broxville, NY June 2021 — August 2021

* Took inventory of food/supplies and cleaned workspace before opening
* Served ice cream to customers and ensured they had a positive experience
* Handled $5000+ in cash and card transactions daily
* Cleaned and closed the store

**Server**, Westchester Country Club, Rye, NY Summer 2018 & 2019

* Prepared food, cleaned restaurant and set tables before opening
* Served food and drinks to members
* Led the expediting process to made sure orders were correct and timely
* Cleaned after closing

**Volunteer Guitar Teacher**,SongCatchers, New Rochelle, NY October 2018 – March 2019

* Taught acoustic guitar group lessons to ten-year-old children
* Prepared students for two music recitals
* Led games and icebreaker activities

**TECHNOLOGY SKILLS**

**Programming Languages**: Python; JavaScript; HTML/CSS

**Database Management**: SQL; R

**Software**: MS Excel, MS Word, MS PowerPoint, MS Project, Adobe InDesign, Adobe Illustrator

**Social Media**: Instagram, Facebook, Twitter