**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)

**WORK EXPERIENCE**

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

* Prepared workspace before opening
* Served ice cream to customers
* Handled cash and card transactions
* Cleaned and closed the store

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

* Prepared work area before opening
* Served food and drinks to members
* 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 for the kids

**PROJECTS**

## Information System Analysis - Student Advising System Jan 2020 – Apr 2020

* Collaborated with key stakeholders to gather functional, non-functional requirements to build student advising system



* Designed the user-friendly workflows for all identified use cases using the user experience design principles
* Designed the database model, data flows and the working prototype for the application and presented to the college
* Influenced the college dropout rates by 10% drop by acting on the customer insights received on student issues

**Programmer** | “Predicting Crime in Queens” Jan 2019 – Apr 2019

* Programmed several predictive models with the aim of predicting the severity of crime that would be committed in any given Queens nightclub.
* Trained and evaluated a variety of statistical modeling techniques using RStudio (Naïve Bayes, decision tree, SVM)
* Analyzed findings and constructed visualizations in both Excel as well as Tableau to demonstrate the patterns that our team found in the data.

**LEADERSHIP EXPERIENCE**

**Teaching Assistant**, Operating Systems and Administration, Syracuse University August 2019 – December 2019

* Evaluated 30 student classroom labs and assessments weekly
* Developed and enhanced course labs based on recent technological advances in the industry
* Provided 30 classroom students with supplemental support materials for improved learning outcomes

**TECHNOLOGY SKILLS/CERTIFICATIONS**

**Certifications:** Microsoft Office Specialist (MOS) Excel 2016

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

**Database Management**: SQL

**Software**: MS Excel, MS Word, MS PowerPoint, Adobe InDesign, Adobe Illustrator, iMovie, HootSuite

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