Abigail Zahne

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EDUCATION

Northeastern University | Boston, MA   Expected August 2021
Khoury College of Computer Sciences
Candidate for a Bachelor of Science in Computer Science and Business Administration (Finance)
- GPA: 3.1/4.0
- Related Courses: Object Oriented Design, Algorithms and Data, Foundations of Data Science, Database Design, Discrete Structures, Fundamentals of Computer Science I & II
- Activities: *Event Coordinator*, NU Esports; NU Women in Technology

SKILLS

- Languages: Python, Java, JavaScript, SQL, HTML, CSS
- Technology: Tableau, Jupyter Notebook, GitHub, IntelliJ, Visual Studio Code, JIRA
- Additional: Polish (fluent)

EXPERIENCE

Data Product Engineer Co-op   July 2019 – December 2019
Rue Gilt Groupe | Boston, MA
- Created and modified SQL tables and views using Snowflake to provide Tableau data sources
- Analyzed data and produced Tableau workbooks/dashboards to assist stakeholders in driving business decisions
- Built a workbook in Tableau to identify duplicate styles that have already been produced, saving the company over $500,000 a year in production expenses
- Presented bi-weekly to a group of data analysts about advanced Tableau features

PROJECTS

Netflix Updater
- Scraped data using JavaScript/jQuery to obtain information on Netflix titles
- Developed a Discord bot with Node.js to display information on the latest Netflix releases, current top 10 movies and TV shows, upcoming releases on Netflix, and titles leaving the streaming platform

Animation Player and Editor
- Created an animation player/editor using the Model-View-Controller design pattern in Java
- Designed a GUI using Java Swing for displaying animations
- Implemented functionalities including playing, pausing, looping, and changing the speed of animations

Aircraft Crashes Predictor
- Performed data wrangling and data exploration using Python, pandas, and scikit-learn on a dataset with around 200,000 records regarding aircraft crashes
- Trained and tuned various machine learning regression models to determine the best algorithm for predicting the number of fatalities in an aircraft crash

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Northeastern University Esports, *Events Coordinator*   May 2020 – Present
- Organized and administered weekly general meetings and special events

Northeastern University Esports, *Technology Director*   September 2019 – Present
- Maintained the technology and software for the student organization
- Managed a bot in Python that provides verification services to Northeastern students for the club's Discord server