Matthew Damiata

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Education

Binghamton University   **Binghamton, NY**
Bachelor of Science, Computer Science   *August 2018 – December 2021*
Summa Cum Laude (Cumulative GPA: 3.87, Major GPA: 3.88)

Skills

Python, Java, JavaScript, SQL, HTML, CSS, Cloud, Ruby, Rails, DAX, PowerQuery, PowerBI, React, PHP, C/C++

Professional Experience

Binghamton Student Association   **Binghamton, NY**
Technical Lead   *September 2019 – January 2022*

- On a team of 4, served as the technical lead in converting all physical paperwork into virtual forms, decreasing in-person contact during the COVID-19 pandemic by 67% using HTML, JavaScript, and PHP.
- Delegated tasks to a software development team consisting of 3 employees. In 2021, we processed 2,500+ form submissions and released over 50 updates on systems with over 400 users.

CBRE Group   **Dallas, TX**
Software Engineer Intern   *June 2021 – August 2021*

- On a team of 5, developed a self-service reporting system, saving hundreds of hours across multiple departments and automating part of the team's workflow.
- Designed customized reports used to analyze and display 2,500,000+ data points across 5 continents using PowerBI, DAX, PowerQuery, Python, PostgreSQL, and SharePoint.

Yael Consulting   **Commack, NY**
Software Engineer Intern   *November 2020 – February 2021*

- Created a series of 23 reports to aggregate Google Ads statistics across 47 customer accounts using JavaScript, Google Ads Scripts, AdWords API, Google Ads API, and Google Sheets API.
- Programmed automated scripts to analyze client website SEO and performance using Python, Cron, GTmetrix, and SpyFu API.

Binghamton Student Association   **Binghamton, NY**
Software Developer   *April 2019 – September 2019*

- Implemented a system to auto-populate vouchers before submission, saving 3-5 for minutes each form.
- Built a virtual Tax-Exempt Form using HTML, CSS, JavaScript, jQuery, and PHP for 100+ organizations.

Software Projects

Binghamton Student Association   **Binghamton, NY**
Timesheet System   *February 2021 – Present*

- On a team of 5, served as the software lead in building a new timesheet system for over 50 Binghamton Student Association employees using Ruby on Rails, Google OAuth, GitHub and PivotalTracker.
- Followed the Agile Design Process, with 2-week long sprints, 5 iterations, and 16 user stories. The team pair programmed and implemented TDD and BDD using RSpec and Cucumber.

Bonfire   **Commack, NY**
Discord Bot   *May 2021 – July 2021*

- On a team of 2, contributed to the ideation and development of a social Discord bot with 10 unique commands, 4 social games, 100% bot uptime, and instant bot invitations using Python and Discord.py.
- Designed a database structure in MongoDB for storing data such that Bonfire can generate thousands of unique, random prompts and store user input to create an interactive voting system with Matplotlib.