Tyler John Gabriel

Education

Binghamton University, SUNY, Watson School of Engineering *(Anticipated Graduation of December 2020)*
- o Expected Bachelor of Science in Computer Science

Technical Skills

Programming Languages: Java, JavaScript, C, Python, C++
Related Skills: HTML, CSS, Typescript, Angular, Bootstrap, C#, .NET, SQL, Git, Swift, PowerShell
Software and OS: Windows, macOS, Linux, IOS, Microsoft Office, GIMP/Photoshop, Visual Studio, Xcode

Project Experience

Rapid Response Monitoring Building Maintenance Application *(June 2019 - August 2019)*
- o Implemented a front-end application, an ASP.NET Web API, and a database using Angular, C#, and SQL, respectively, to provide a high-level analysis of campus conditions for a multimillion-dollar company

Personal Website *(December 2018 - present)*
- o Designed and deployed a personal website (tyler-gabriel.com) using HTML, CSS, and JavaScript

Plant Health Advisory Bot *(May 2017)*
- o Developed a Twitter "bot" using Python, Twitter API, and OpenWeatherMapAPI to notify users on how to care for plants based on local weather

Model United Nations Committee Manager *(May 2016)*
- o Utilized Java and JavaFx libraries to create a program with a GUI to help committee heads run MUN debate

Professional Experience

Rapid Response Monitoring Services, Syracuse, NY- *(May 2019 - August 2019)*
- o Programming Intern
  - ▪ Developed a web application to record building maintenance statuses thus providing a facilities overview in order to ensure the daily functioning of a company campus
  - ▪ Performed technical maintenance on mission critical call operator workstations

Hehl Construction Services, Syracuse, NY- *(June 2015 - August 2018)*
- o Seasonal Construction Assistant
  - ▪ Assisted senior workers in construction duties by performing supplementary tasks
  - ▪ Utilized various power tools to contribute to project completion
  - ▪ Preserved a safe work environment by cleaning and preparing work areas

Club/Organization Leadership

Hack BU, Binghamton, NY- General Member *(August 2017 - present)*
- o HackBU 2019 Participant
- o Hardware Hackathon 2017 Participant

Mountainview College Council, Binghamton, NY- General Body Member *(August 2017 - May 2019)*
- o Vice President of Public Relations *(May 2018 - May 2019)*
  - ▪ Advertised affairs of MCC to approximately 1000 residents
  - ▪ Updated social media profiles and distributed a weekly newsletter to promote events
- o Vice President of Cascade Academic Affairs *(August 201 7 - May 2018)*
  - ▪ Improved academic prosperity of Cascade Hall by planning and carrying out academic and social events for 250 residents

Model United Nations, Binghamton, NY- General Member *(September 2013 - present)*
- o Led school delegation in various conferences to debate global issues
- o Administered debate as a chair and helped plan a conference of over 300 participants
  - ▪ Hilton MUN 2016, UNAR 2016, 2017
- o Binghamton Model United Nations Treasurer *(May 2018 – May 2019)*
  - ▪ Managed club funds and expenses
  - ▪ Communicated with other board members on club matters