

Samuel J. Flynn

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Education

University of Pittsburgh, December 2019

Major: **B.S. Computer Science**

Minor: **Economics**

GPA: **3.3 Cum Laude**

Relevant Coursework: Intermediate Java, **Data Structures**, **Algorithm Implementation**, Data Science, Software Quality Assurance, Machine Learning, Cryptography and Network Security, Software Engineering

Skills

- **Programing Languages:** Java, JavaScript, HTML, CSS, Python, C, C++, MATLAB, Ruby, SQL
- **Other Software:** Git/ Github, Windows/OS X/ Linux, Microsoft Office Suite, AWS
- **Additional Skills:** Entrepreneurial experience and knowledge, Public Speaking

Work Experience

X-Load by Z&F Engineering

Sole Software Developer (May 2020-Present)

- Migrate data from **Microsoft Access VBA** to an **SQL Database**
- Create a front end and back end for clients to access SQL Database on world wide web
- Create the product using **C#** and Microsoft's **ASP.NET** platform

Honeywell International Inc.

Software Engineer Intern (May 2019-August 2019)

- Worked on an embedded system written in **C** with a software and hardware team
- Operated in an **Agile** environment, holding meetings three days a week
- Tested the embedded system both statically and dynamically
- Developed and deployed unit tests using **C++**

Anheuser-Busch InBev, Prague, Czech Republic

Automation Intern (May 2018 – August 2018)

- Used **Blue Prism** to develop and maintain processes which automated employee tasks
- Coordinated automation projects with a team of seven along with employees requesting automation
- Monitored automations and updated when necessary to ensure fluidity of office productivity

Keystone Information Technology, Philadelphia, PA

Intern (May 2017 – August 2017)

- Worked with and maintained IT for small businesses across the Philadelphia area
- Established and managed computer networks, Windows domains, and company software
- Trusted to remotely access client servers to run diagnostics, update sensitive data, and upgrade security measures
- Helped transfer a client's business (60 employees) from a flat file database to an SQL database over the span of a month with no loss of data

Leadership/Activities

Undergraduate Teaching Assistant, Pittsburgh, PA

Pre-Calculus (August 2018 – December 2019)

- Lead a class of 30 students twice a week in reviewing and reinforcing course topics
- Administered worksheets and course quizzes to assess student knowledge

Enactus Social Entrepreneurial Club, Pittsburgh, PA

Club Officer (May 2017 – May 2018)

- Club granted \$20,000 to invest in local businesses in exchange for equity
- Established continual meetings with two local startup founders to come and discuss entrepreneurial topics of finance, problem solving, and legal situations with members