Tyler James Vogel

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EDUCATION

University of Pittsburgh, Swanson Engineering School   Pittsburgh, PA
Majoring in Computer Engineering   Class of 2020
Minor in Physics
Final GPA: 3.66

SKILLS AND STRENGTHS

Software: Python, Data Analysis, Machine Leaning, REST API, Java (Spring), Javascript (Angular), Automation, Front-end, SQL, R, C Embedded, Web Applications
Hardware: Soldering, Circuit Building, Circuit Testing, Programmable Logic Boards, RF Engineering
Engineering: Leadership, Communication, Teamwork, Hands-On

PAST WORK EXPERIENCE

Software Engineer at BNY Mellon, *Full Time*   July 2020 - Current
- Data analysis and lead on data automation for hardware asset information (servers, desktops, etc.).
- Error reporting and operational reporting on data found via machine learning.
- Also worked on web applications to present data, Angular/Java Spring.

Hardware Co-op at Powercast, *Co-op*   April 2018 - Dec 2019
- Worked along hardware engineers with different products.
- Mainly focused around circuit designing, building and testing.
- Contributor to provisional patent based on RF technology.

Project Manager, *Student*   May 2019 – August 2019
- During the summer semester, two semester-long projects required a group of software engineers.
- For both projects, I took initiative to as a project leader to coordinate my fellow engineers.

PERSONAL PROJECTS

Stock Analysis Web Application, *Python Flask*   In Progress
- Using Facebook'sTime Series model (Prophet), I am creating projections for any company currently in American Stock Exchanges.
- I use yahoo finances REST API as a source of my data, with the help of IEX if needed.

Website Design, *Javascript/HTML/CSS*   Completed
- Created multiple websites using HTML, CSS and Javascript.
- I maintain them using Google Domains as a hosting site.

Audio Visualizer, *Javascript/HTML/CSS*   Completed
- Using FFTs, I can process input audio data and visualize the frequencies.

To see my current projects, please visit my webpage www.vogley.org or my **GitHub: Vogley**

ACTIVITIES AND LEADERSHIP

University of Pittsburgh
- Radio Club (WPTS) – Web Developer   August 2017 - April 2020
- Dodgeball Club Team (*Captain*)   August 2016 – May 2018
- Intramural Volleyball   August 2016 – April 2020

[scan to learn more]