



Tyler James Vogel

529 Bald Eagle Court, Lancaster, PA 17601 | (717) 449-3118 | tjv21@pitt.edu | Website – www.vogley.org

EDUCATION

University of Pittsburgh, Swanson Engineering School

Pittsburgh, PA

Majoring in Computer Engineering

Class of 2020

Minor in Physics

Current GPA: **3.60**

Last Semester's Classwork: Algorithms, Software Engineering, Senior Design, Discrete Structures, Web Applications

SKILLS AND STRENGTHS

Software: JavaScript, Java, Python, Front-end Developer, Inventor, Microsoft Office, Altium, Embedded C

Hardware: Soldering, Circuit Building, Circuit Testing, Programmable Logic Boards, Manufacturing, Pneumatics

Engineering: Leadership, Communication, Teamwork, Hands-On

RELEVANT EXPERIENCE

Hardware Co-op at Powercast, *Co-op*

April 2018 - Present

- Worked along hardware engineers with different products. Mainly focused around circuit designing, building and testing. RF technology is a big part of my work at Powercast. Contributor to provisional patent.

Project Manager, *Student*

May 2019 – August 2019

- During the summer semester, two semester-long projects required a group of engineers. For both projects, I took initiative to act as a project leader to coordinate my fellow engineers.

High School Tutor, *Student*

August 2014 – June 2016

- Helped students improve in their engineering, math, and physics courses. Specialized in Calculus.

ADDITIONAL EXPERIENCE

Robotics Captain, *Student*

August 2014 – June 2016

- Managed a high school Robotics Club. Competed in 2 tournaments during my time with the club.

Conestoga Tile, *Sample Department*

June 2012 – August 2013; May 2017 – August 2017

- Performed random projects for the sample department. Mainly worked on presentation dioramas, producing sample boards and restocking product.

ACTIVITIES AND LEADERSHIP

University of Pittsburgh

- Radio Club (WPTS) – Web Developer
- Institute of Electrical and Electronics Engineers (IEEE)
- Dodgeball Club Team (*Captain*)
- Intermural Volleyball
- Resident Student Association – Recognition Chair
- Physics 0174 UTA

August 2017 – Present

August 2016 – Present

August 2016 – May 2018

August 2016 – Present

October 2016 – June 2017

August 2017 – January 2018

Hempfield High School

- Varsity Golf

July 2012 – October 2015

ACCOMPLISHMENTS AND AWARDS

- Dean's List University of Pittsburgh (Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Summer 2019)
- Presidential Academic Award
- National Honors Society Medal
- Top 5% of the Class of 2016 in Hempfield High School

****To see my current projects, please visit my webpage www.vogley.org or my [GitHub: Vogley](#)****

