Permanent Address:
10507 William Terry Dr.
Vienna, VA 22181

Jack Wasilewski

jackw4@vt.edu | (703) 568-0242

University Address:
900 Orchard St. #119
Blacksburg, VA 24060

PROFESSIONAL EXPERIENCE

La Prima Catering   **Fairfax, VA**
Food delivery and serving   *Summer 2019*
- Self-reliance through organizing customer orders, delivering, and setting up deliveries

Student Engineers' Council Engineering Week Chair   **Blacksburg, VA**
Planned weeklong event for engineers   *2019-2020*
- Managed transportation for Engineering Expo career fair organization and strategize with the Expo Chair
- Planned detailed daily events for engineering students and organized spreadsheets for cost management of the events

Ultra-Tall Synthetic Tree Design Team
Designed a 50-foot-tall synthetic tree utilizing nonporous technology with design team and planning construction for March
- Utilized features of Solidworks to design airtight pressurized charging system used to fill 50-foot-high tubes with water
- Created testing procedures to evaluate the projects performance for criteria created by the customer needs

Fullstack Capstone Project
Built a React app using Firebase to create a site for coders to connect, communicate and work on projects together
- React and Firebase were utilized to make the web app responsive and create fast database queries
- Check out the site here: geek-hunt.firebaseapp.com

EDUCATION

Fullstack Academy   **New York, NY**
Experience with pair programming and working on projects as a team   Graduated 2022

Virginia Polytechnic Institute and State University (Virginia Tech)   **Blacksburg, VA**
B.S. in Mechanical Engineering   Graduated 2021
                                                                                                                              Cumulative GPA: 2.978

Completed Classes
Mechatronics, CAD of Thermal Fluids, Engines and Power Trains, Thermodynamics, Heat and Mass Transfer, Vibrations, Mechanical Engineering Lab I & II, Multivariable Calculus, Linear Algebra, Foundations of Physics I (Mechanics), Foundations of Engineering 1 (MATLAB & Technical Writing), Foundations of Engineering 2 (MATLAB & Solidworks), Chemistry 1, Religion in the Modern World, Introduction to Cinema, Introduction to Shakespeare, Engr Problem Solving with C++, Introduction to Differential Equations, Manufacturing Processes Lab, Foundations of Physics II (Electrical), Statics, Introduction to Mechanical Engineering, Statistics for Engineers, Elements of Materials Engineering, Applied Electrical Theory, Deformable Bodies, Dynamics, Introduction to Thermal Fluid Engineering, System Dynamics, Mechanical Design, Industrial Electronics, Fluid Mechanics, Engineering Design Project, Industrial Automation, Land Vehicle Dynamics and Industrial Cost Control

James Madison High School   **Vienna VA**
                                                                                                                              Graduated 2017

ACTIVITIES

Freeman Store and Museum   **Vienna, VA**
Volunteer   Summer 2016
- Organized the store and led tours during town events and holidays

Presidential Election 2016   **Vienna, VA**
Fairfax County Election Officer   November 8th, 2016
- Set up voting precinct and checked in voters for the 2016 Presidential Election

SKILLS

Relevant Skills: Javascript, Node.js, React, CSS, HTML, Github

Languages: English

Other Programming Languages: Java, C++,

Programming Software: Visual Studio, MATLAB, Mathimatica, AWS cloud9, Tailwind

Other Software: AutoCAD, Microsoft Office, Solidworks, Windows, Excel