

MAX HERZ

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SUMMARY

Highly motivated engineering student seeking additional software development experience. Personal, professional and academic interest in applying technology – from optimizing functionality of programming applications and developing efficient code to building high altitude balloons, drones, and computers. Adept at working with people and teams with diverse backgrounds and technical expertise. Looking for a challenging and energetic work environment to further develop my skills and make a positive impact.

EDUCATION

Ohio State University | Engineering | Current GPA 3.4

Expected May 2021

Columbus, OH

- Pursuing Bachelor of Science degree in Computer Science with a minor in Business
- Coursework - Semester long team engineering projects, leadership and character, software development courses, algorithms and data structures, technical communication, and Assembly/C.
- Project Lead - Engineers for Community Service: Responsible for setup, coordination, recruitment, and execution of technology help sessions at a senior center.
- Developer - Code 4 Community: Developed code for student organization focused on utilizing technology for community improvement.

EXPERIENCE

CACI

May 2019 – Aug. 2019

Sterling, VA

Software Development Intern

- Developed extensive python code with an emphasis on component and API design.
- Maximized usability of new libraries written in support of high-profile products.
- Interfaced with non-technical customers on cross-functional projects to gather requirements and develop accordingly.

Carfax

May 2018 – Dec. 2018

Centerville, VA

Project Management Intern

- Coordinated with managers and developers using Scrum methodology to execute on technical projects.
- Manipulated data tools to analyze, calculate, and display valuable business analytics including six figure monetary fraud identification and reduction.
- Utilized service desk software to problem solve technical iOS application issues with sales representatives in the field.

Simply Wireless

Jun. 2016 – Sept. 2016

McLean, VA

Software Development Intern

- Developed multiple website platforms using HTML and CSS to improve usability and traffic.
- Effectively reviewed and debugged back-end site code in C# to enhance efficiency and patch bugs.
- Implemented new coding techniques with a professional team to standardize implementation and documentation.

PERSONAL PROJECTS

- *High Altitude Near Space Balloon*: Successful preparation, launch, and recovery of homemade payload designed to photograph the earth. Payload reached an altitude of ~75,000ft.
- *Tanzania Volunteer Trip*: Assisted in English education and construction projects. Climbed Kilimanjaro - the world's tallest free-standing mountain.
- *Sorting Comparison (Java)*: Given a large amount of data, proportionally choose a selected number of elements. Software uses multiple sorting algorithms on the smaller subset of data and records the time each algorithm takes to determine the best algorithm to sort the larger (full) data set. Project focused on scalability and speed.

SKILLS

Programming Languages: Java (Proficient), Python (Intermediate), Dart (Intermediate) HTML/CSS (Basic), JavaScript (Basic). Strong interest in learning additional languages.

Development Tools: Git, Linux, AGILE/Scrum, JIRA, Confluence.