

Anthony Wohlfeil

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Objective

I am seeking a software engineering position to further develop my interpersonal and technical skills. I wish to contribute to a creative and productive work atmosphere through collaboration and software development.

Education & Skills

College:

University of Michigan, Ann Arbor, Michigan

Bachelor of Science in Engineering, degree anticipated April 2020

Major: Computer Engineering

Minor: International Minor for Engineers

Relevant Courses:

System Design of a Search Engine, Data Structures and Algorithms, Intro to Computer Organization, Intro to Electronic Circuits, Signals and Systems, Logic Design

Technical Skills:

Experience With: C++, C, Python, MATLAB

Software: Amazon Web Services (Batch, EC2, ECR, ECS, Lambda, S3), Adobe Photoshop, AutoCAD, NI Multisim

Experience

Software Engineering Intern

March 2019 – Current

Mcity, Ann Arbor, MI

- Built a custom AMI in AWS to run GPU-enabled processing of video
- Developed a system in AWS Batch to efficiently and automatically run a computer vision video processing library on over 10,000 hours of autonomous vehicle footage
- Trained a custom dataset in YOLO/Darknet to process images and video with objects relevant to Mcity

Search Engine Design Project

January – April 2019

EECS 398 at the University of Michigan

- Worked on a team of 6 students to build a search engine from the ground up
- Contributed to a crawler that downloaded and indexed over 3 million documents
- Constructed index stream readers to match search query constraints to documents within the index

Project Manager

May – August 2017

Student Painters, Monroe, MI

- Gained management skills by leading a team of 6 workers that produced over \$70,000 in sales during a 4-month period
 - Conducted inspections of projects with clients to ensure accuracy and customer satisfaction
 - Handled transactions between clients and Student Painters once projects concluded
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Volunteer Experience

Student Ambassador

Department of Electrical and Computer Engineering (ECE) at the University of Michigan

August 2018 – Current

- Promote awareness of the ECE department through one-on-one communication during on-campus recruiting events and distributing flyers
- Serve as a resource for students displaying interest in the ECE department by providing email to prospective students with questions

Vice President of Communications

Student Branch of the Institute for Electrical and Electronics Engineers (IEEE) at the University of Michigan

April 2018 – Current

- Promote IEEE events through flyering on campus and sending weekly updates to an email list of 400 students
 - Mentor IEEE's Publicity chair and monitor social media accounts
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Awards and Other Activities:

- Member of the Engineers Abroad Returnee Network (2019 – Current)
- Member of the HAIL Scholars program (2016 – Current)
- Member of MRun, Michigan's club running team (2016 – Current)