

# 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.

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## 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:

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

### Technical Skills:

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

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

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## Experience

### Software Engineering Intern

March 2019 – Current

McCity, Ann Arbor, MI

- Built a custom AMI in AWS to run GPU-enabled processing of video from McCity's autonomous shuttles
- 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 McCity researchers and partner companies

### 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 in C/C++
- 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 monetary 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 directly corresponding with prospective students

### 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 advertise the organization through its 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)