

Anthony Wohlfeil

CURRICULUM VITAE

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SUMMARY

I am a fourth-year student at the University of Michigan pursuing a bachelor's degree in Computer Engineering with a focus in robotics and computer vision. I am also working on finishing an International Minor. I am interested in all forms of technology, but topics I'm particularly interested in include computer vision, artificial intelligence, augmented/virtual reality, and natural language processing. I'm currently a student ambassador for the university's Electrical and Computer Engineering (ECE) department and also serve as Vice President of Communications for the student branch of the Institute for Electrical & Electronics Engineers (IEEE). I am searching for a full-time software engineering position after I graduate in the spring of 2020.

WORK EXPERIENCE

Software Engineering Intern | Mcity, Ann Arbor

Mar 2019 – Current

- 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 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

Dining Service Worker | University of Michigan, Ann Arbor

Sep 2017 – Dec 2017

- Assisted with the preparation and presentation of food in the Hill Dining Center during day shifts
- Cleaned dishes, tables, and machines during closing shifts
- Regularly interacted with students and customers to ensure that their experience with MDining was satisfactory

Project Manager | Student Painters, Monroe

May 2017 – Aug 2017

- Managed a team of 6 painters that produced over \$70,000 in sales over a 4 month period
- Conducted inspections of the projects with clients to ensure accuracy and customer satisfaction
- Handled transactions between the clients and Student Painters

EDUCATION

BSE in Computer Engineering | University of Michigan

Sep 2016 – Apr 2020

- International Minor for Engineers

High School Diploma | Monroe High School

Sep 2012 – Jun 2016

- Summa Cum Laude graduate
- National Honor Society
- Varsity Cross Country, Swimming, and Track & Field

VOLUNTEER EXPERIENCE

Universal Health Aid | Volunteer, Monroe

Jul 2017 – Current

- For the past few years I've been a volunteer for the Monroe, Michigan chapter of UHA. I help direct patients and assist with set-up and clean-up at their Annual Free Health & Wellness Fair in Monroe, MI.

Monroe Full Gospel Church | Head of Multimedia Presentations, Monroe

May 2015 – Aug 2018

- For several summers, I oversaw the multimedia presentations that supplement Sunday and Wednesday services at MFG. I was also a volunteer/presentation coordinator for the church's vacation bible school services every August.

ORGANIZATIONS

Student Ambassador | University of Michigan, Ann Arbor

Aug 2018 – Current

- Promote awareness of the electrical and computer engineering (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

Institute for Electrical & Electronics Engineers (IEEE)

- 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

MRun

- I am an active member of MRun, the running club at the University of Michigan. MRun participates in competitions through the National Intercollegiate Running Club Association (NIRCA) and regularly volunteers around the local community

AWARDS AND HONORS

HAIL Scholar

- I am a part of the University's HAIL (High Achieving Involved Leader) Scholars program and a recipient of the HAIL Scholarship.

PROJECTS

Search Engine Design Project

Jan 2019 – April 2019

- Worked on a team of 6 students to build a search engine from the ground up for our EECS 398 course
- 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

Wind-Powered Turbine

Jan 2017 – April 2017

- In my ENGR100 section, my team and I designed and fabricated a tri-blade, savonius style wind turbine with the intention of using the wind to power lights. Over the course of a semester, we drafted several prototypes and eventually constructed a model in the lab. We took this model to the roof of a university building and used it to power a string of lights.

INTERESTS

Outside of school, I enjoy watching sports (particularly college football and track & field), running, swimming, and juggling.

I also enjoy learning about other languages and speak Spanish at a limited working proficiency.

REFERENCES

References available upon request.