ZACH PETERSON

248-558-9703
zachp@umich.edu

2362 Lansbury Dr.
Waterford, MI 48329

Website:
zapeterson16.github.io

Education

University of Michigan, Ann Arbor, Michigan — Computer Science, 2019, GPA: 3.89
Clarkston High School, Clarkston, Michigan — 2016

Experience

Founder, Zephair Drone Photography and Cinematography — 2017-present
Drone photography and video services (current focus = high-end construction projects).

Intern, Wineman Technology — Clarkston, Michigan — 2017
Developed software in LabVIEW for industrial equipment testing and operation.

Intern, Delta Network Services — Bloomfield Hills, Michigan — 2016
Worked closely with engineers to design network layouts. Configured and installed network gear.

Intern, Rapid Prototype Company — Auburn Hills, Michigan — 2015-2016
Prepared 3D models. Designed support structures for the stereolithographic parts. Prepared and operated stereolithography machines. Cleaned and polished high-quality resin parts.

Engineering Intern, Dynamic Robotic Solutions — Auburn Hills, Michigan — 2015
Worked with engineers to design and simulate robotic cells. Designed a calibration tool for the advanced robot self-calibration package.

IT Intern, Chase Plastics — Clarkston, Michigan — 2013-2014
Recipient of the LEAN award for efficiency improvement, for creating a digital sign-in system and online database, improving the efficiency, safety and security of the company.

Activities

Tau Beta Pi — 2017-present
External Vice President for 2018, will run engineering honors brunch and 2018 fall engineering career fair.

Association for Chinese Economic Development – 2017-present
Analyzing Chinese economics through guest speakers and group projects, for identifying potential implications and benefits for America.

FIRST Robotics Team 27 (Hall of Fame 2014) — 2012-2016
Team Captain, Lead Programmer, Robot Operator, Core Values Award Recipient.

Boy Scouts of America — 2004-present
Eagle Scout (2013), Senior Patrol Leader, crew leader for 83-mile hike in New Mexico (Philmont), Order of the Arrow Brotherhood Member, Order of the Arrow Trail Crew.

Skills/Interests

C++, LabVIEW (Certified LabVIEW Associate Developer), web development, Java, Android development, Word, Excel, PowerPoint, juggling, unicycling, spray paint art, biking (rode across Michigan 2012, 2013), scuba diving, hiking.