
ZACH PETERSON

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Website:

Zapeterson16.github.io



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 (present)

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 machine. 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.

Education

University of Michigan, Ann Arbor, Michigan – Computer Science, 2019, GPA: 3.89

Clarkston High School, Clarkston, Michigan – 2016

- Clarkston Science and Math Academy
- Summa Cum Laude
- Science Department Award

Activities

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 80-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), Java, Android development, Word, Excel, PowerPoint, juggling, unicycling, spray paint art, biking (rode across Michigan 2012, 2013), scuba diving, hiking
