

Zach Peterson

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zapeterson16.github.io

Experience

Software Engineering Intern, Liveramp; San Francisco, California – 2018

Full Stack development using React and Ruby on Rails. Developed a new external facing upload interface as well as worked on many internal tools to improve experience and clarity within the company.

Founder, Zephair Drone Photography; Waterford, Michigan – 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 stereolithographic parts. Prepared and operated stereolithography machines. Cleaned and polished high-quality resin parts.

Education

University of Michigan; Ann Arbor, Michigan – Computer Science, 2016-present

Expected graduation May 2019, GPA: 3.83

Activities

University of Michigan Fall SWE/TBP Engineering Career Fair Director – 2018

Led 30 chairs and 200+ volunteers to organize a successful event with 337 companies attending. Introduced a new app which improved the student and company experience at the fair.

Sanger Leadership Crisis Challenge Winner, University of Michigan – 2018

A competition on reacting to a 24-hour crisis simulation. Created a strategy to respond to the crisis, pitched it to a board of directors and held a press conference with the public.

Tau Beta Pi, Michigan Gamma Chapter – 2017-present

External Vice President for 2018. Ran two large successful events, the engineering honors brunch and the fall career fair

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

Full Stack Development with React and Ruby on Rails, C++, Swift, LabVIEW (Certified LabVIEW Associate Developer), juggling, unicycling, scuba diving, hiking, fitness.