

Connor Svrcek

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Experience

MRover

Software Engineer

January 2017 - Present, Ann Arbor, MI

- Used computer vision and mapping to improve the rover's capabilities
- Learned cutting edge robotics technology to implement into our rover
- Worked as a team to design and build a Mars-like rover to compete in the URC

OHM Advisors

Engineering Aide

May 2017 - Present, MI

- Supplemented engineers in completing construction projects
- Surveyed construction sites to ensure workers were being safe and responsible
- Assured inspections were thorough and that structures were clear for public use

M-BARC

Interviewer

January – February 2017, Ann Arbor, MI

- Documented life at U of M in 2017 for individuals to see in 2117
- Worked as a team to organize recordings for the time capsule
- First ever time capsule launched into space, as part of Michigan's Bicentennial

Shiawassee Scholars

Chaperone

June 2017, Ann Arbor, MI

- Guided 8th grade high-performing students from Shiawassee County around U of M
- Shared passions for Michigan and Computer Science to inspire kids to reach higher
- Showcased College of Engineering to interested children

Education

University of Michigan

Bachelor of Science in Engineering; Computer Science

Expected Graduation: May 2020

- Minor in Entrepreneurship
- Active member of MRover

GPA: 3.12/4.00

Corunna High School

Student Leader, Team Captain, Honor Student, Valedictorian

Graduation: June 2016

GPA: 4.25/4.00

Skills

Computer Software: C++, Swift, HTML, CSS, Apple macOS, Linux OS (Ubuntu), Microsoft Office.

Technical: Wilson Center Basic I and II, Mill, Lathe.

Leadership: Two presidential positions, tennis team captain, FRC Robotics section leader.

Marketing: Raised over \$2,000 for FRC Robotics team, worked with local businesses, promoted team.

Projects:

- Designed and built a game, with characteristics of foosball and pinball, powered by Arduino using servo motors and potentiometers (*SpartaHack 17, January '17*)
- Created a Magic 8 Ball iOS app from scratch from self-taught knowledge using Swift, capable for cross-device use (*June '17*)