

JUSTIN A. EVANKOVICH

CONTACT

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ADDRESS

405 Bishops Way, Apt 308
Brookfield, WI 53005

EDUCATION

Michigan Technological University, Houghton, MI
BS Electrical Engineering and Computer Engineering, Dec 2018
GPA 3.97

LEADERSHIP & TEAMWORK EXPERIENCE

Critical member of small "strike team" developing innovative sensing and control algorithms for power tools.
Worked with senior design team of five to design mixed hardware/software testing device for Stryker.
Captained High School Robotics Team.

EXPERIENCE

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|---|--|-----------------------|
| Concept Engineer | Milwaukee Electric Tool Co
Brookfield, WI | 2019-Present |
| <ul style="list-style-type: none">– Brought up ARM based sensor platform and designed signal conditioning and data acquisition PCBs.– Owned development of C firmware for data collection platform.– Developed tools to automatically convert machine learning models to C. | | |
| Senior Design | Michigan Tech / Stryker
Houghton, MI | 2017-2018 School Year |
| <ul style="list-style-type: none">– Performed electrical design and developed schematic for review.– Performed layout of design to interface with Arduino Mega. | | |
| Electrical Design Intern | Astronautics Corporation of America
Milwaukee, WI | Summer 2017 |
| <ul style="list-style-type: none">– Assisted in design of moderately complex analog/digital circuit.– Learned about analog & digital design, power supply design, signal integrity, etc. | | |

SIDE PROJECTS

- Created USB-SPI bridge for in-system-programming of SPI flash chips.
- Writing latency-focused voice chat application in Rust.

TECHNICAL SKILLS

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| – C | – Circuit Design | – Haskell |
| – ARM Microcontrollers | – Python | – Linux |

HONORS AND AWARDS

- Certificate of Merit — MTU Mathematical Sciences
- Dean's List 2014–2018