

Connor Rubin

cscrubin@gmail.com | [Website](#) | [LinkedIn](#) | +1 216-554-1740



WORK EXPERIENCE

Technical Product Manager

May 2021 - Feb 2022

Superpedestrian

- Specified, planned, and prioritized work across three independent teams (Research & Development, Embedded Systems, Embedded Test) to integrate new technology and bring to market
- Translated problem statements from operations teams into feature specifications
- Communicated critical technical topics to non-technical teams throughout the organization
- Scoped and scheduled engineering feature development to support high profile technology demos
- Introduced documentation and process for feature development

Key Achievement(s): Led new product introduction process of high accuracy location technology from company partner acquisition through system integration, resulting in winning high-value permit to operate in Chicago, IL.

Embedded Systems Test Engineer

Feb 2020 - Aug 2021

Superpedestrian

- Developed and maintained hardware-in-the-loop test fixture and software tests for smart LEV platform
- Upgraded and added functionality to test report generation and analytics to improve data consumption
- Built document-based (MongoDB) manufacturing test database and supporting ETL processes
- Managed vehicle firmware release process (performance testing and validation, engineering change orders, etc.)
- Designed and specified manufacturing test fixture to support offline firmware updates during final assembly
- Streamlined communications and troubleshoot manufacturing issues with partners in China

Key Achievement(s): Increased fault injection and stability test coverage by over 10x. Improved throughput of electronics manufacturing line by 35% through cycle time reduction analysis using test database.

Technical Sales Intern

Jun 2019 - Aug 2019

Keyence America

- Generated 30+ sales leads on a range of highly technical industrial automation products using a proprietary customer relationship management system
- Assisted sales engineers during various in-person sales calls/product demonstrations

Key Achievement(s): Increased fault injection and stability test coverage by over 10x. Improved throughput of electronics manufacturing line by 35% through cycle time reduction analysis using test database.

SKILLS

Product and Project Management: Feature definition, roadmap management, business case development, user stories, stakeholder engagement, technical documentation, scope limiting, timeline management, feature prioritization, product requirement documents (PRD), Agile/scrum team management, Jira, Confluence

Programming and Data Management: Python, Bash, C/C++, MATLAB, Git/Github, Jenkins CI/CD, scripting, object oriented programming (OOP), databases (MySQL, MongoDB), pipelines, data exploration (EDA), data visualization, extract transform load (ETL) processes, Pandas, Numpy, Dash

Engineering and Technical: Microcontrollers (I2C, SPI, UART, WiFi, MQTT, IMU, GPS/GNSS, sensors), bench equipment (multimeter, oscilloscope, waveform generator, power supply), Solidworks, LabVIEW, sensor fusion

Education

The Ohio State University

GPA: 3.59/4.00

B.S. Electrical Engineering (Controls), with Honors Distinction

Minor: Environment, Economy, Development, and Sustainability