

Erik Kantrowitz

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Experience

Toro Robotics Colorado | Test Engineer II 2022 – 2024

- Designed and implemented build / test / release processes for the entire organization that decreased build iterations by 50%.
- Developed the bug reporting process from the ground up to identify triage and assign bugs to development teams, using system and CAN logs.
- Built and implemented system integration test plans and processes on a robotic platform.
- Provided technical engineering support to field customers.
- Built trusting relationships between the development team, test team and leadership team.
- Spearheaded the creation of a multiple environment development process to open continuous integration and create a smoother release process to customer-facing systems.
- Provided ownership of day-to-day testing operations.

Amazon Robotics | Systems Integration and Test Engineer 2020 – 2022

- Communicated with program management and technical leadership, as well as site leadership.
- Executed alpha phase and beta phase testing; owned day-to-day operations.
- Provided technical support, triage, and root-cause analysis on autonomous vehicles.
- Designed, managed, and executed test plans for difficult test scenarios with autonomous mobile robot software, and defined pass / fail criteria.
- Offered both hardware and software triage and debugging.
- Supported development by collecting logs in Linux and data in a controlled environment.
- Documented issues from stress testing systems on both the software and hardware level to create detailed tickets in Jira.
- Defined requirements and drove best practices.
- Performed troubleshooting and fixed Jupyter notebooks to generate reports.

Menzies Aviation | Ramp Service Lead 2019 - 2020

- Led a small team to care for aircraft during stay at gate.
- Oversaw a team of ramp agents, ensuring the safe and efficient loading and unloading of passengers' luggage and cargo onto aircraft.
- Prepared detailed loading documentation according to airline procedures and safety regulations.

Riegl USA | ULS Engineering Specialist 2018

- Performed quality assurance testing on LiDAR scanner hardware before customer delivery.
- Used the RIEGL processing suite to process trajectory and LiDAR data.
- Provided technical engineering support for customer issues in RIEGL hardware and software.

Education

University of Central Florida BS, Mechanical Engineering 2014 - 2018

Skills

Jira, Jenkins, SolidWorks,
TestRail

Raspberry Pi, Intel IoT Platform,
Arduino

C, C++, Python, playwright, Bash

Microsoft Office Suite, Adobe Creative Suite

Microsoft Windows, Macintosh OSX, Linux