Jared Cox

LinkedIn

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Experience

OpenText, Mississauga, Ontario   Oct 2020 – Present
Quality Assurance Developer
- Designed and developed a suite of automated tests, reducing regression backlog and increasing testing coverage of our application
- Collaborated with developers and product managers, determining functionality and scope of new projects
- Maintained automated test executions and continuous deployments through Jenkins' pipelines
- Active involvement in resolving defects encountered in all environments, including production

Bayer, Mississauga, Ontario   May 2018 – Aug 2019
Software Developer in Test – Internship
- Developed automated tests/benchmarks to ensure quality of production medical software, which manages medical images and radiation dosing
- Built and managed Jenkins automated pipelines to ensure continuous testing during new feature development
- Conducted training sessions for global software team, presenting testing software and development practices

Toyota, Cambridge, Ontario   May 2016 – Aug 2016
Production Team Student
- Thrived in a fast-paced manufacturing environment, applying various components to production vehicles while ensuring product quality and following safety procedures

Education

McMaster University, Hamilton, Ontario   Sept 2015 – May 2020
B.Eng. Mechanical Engineering
- Graduated *Summa Cum Laude* and gained strong engineering fundamentals

Extracurriculars

MAC Formula Electric (FSAE Electric)   Sept 2017 – May 2020
Mechanical Engineering Lead
- Led the manufacturing of a full carbon-fiber aerodynamic package using the vacuum infusion process
- Modeled the wiring harness for the vehicle, working with various sub teams to ensure its successful integration throughout the vehicle.

Skills

- Python, JavaScript; React JS, Java
- Git, SQL, Jenkins, Linux OS
- Excellent teamwork, communication, and time management
- Comfortable working in a flexible and fast-paced work environment with tight deadlines
- Familiar with a variety of data structures and algorithms

Projects

FSAE Portfolio: Live Link| GitHub
React.js
Website displaying the projects I was responsible for while on my school's FSAE team, submitted to the engineering department to use as a course credit towards graduation.

MAC Formula Electric Websites
2020 Website: Live Link| GitHub
2019 Website: Demo Link | GitHub
React.js
Website developed for our FSAE team to communicate updates, host annual recruitment, and communicate with sponsors.

JukeBox: GitHub
Firebase, Node.js, Express.js
React.js, Redux, Material-UI
Web App used to rate, review, and share music. Users can organize albums in lists and stay up to date with what's popular with friends.

Asteroid Field: GitHub
Python; Pygame
Third Person survival game where you navigate a spaceship though an asteroid field.