



Experience

Graduate Research Assistant (January 2021 – Present)

Michigan, USA

Department of Industrial Engineering, Wayne State University – Full time

- ❖ Studied on Discrete Event Simulation using python.
- ❖ Examined research ideas on Maintenance Optimization models

Operation Analyst Intern (August 2020 – December 2020)

Michigan, USA

Sky Rides Inc.- Internship

- ❖ Designed and implemented a Business Intelligence solution to allow for a standardized process for data reporting, reduced process time by 50%.
- ❖ Analyzed performance of forecast model using Excel and MS Power Query and create recommendations for improvement, forecasting future revenue generation.
- ❖ Aided to decision making across multiple business criteria through the implementation of Tableau and Excel visualizations

Student Assistant (May 2019 - April 2020)

Michigan, USA

Office of Environmental Health and Safety, Wayne State University - Part time

- ❖ Supported to pursue safety standards across different departments in the university.
- ❖ Collected test data for Chemical Safety Shower and Chemical fume hood annual testing.
- ❖ Generated annual and monthly reports for process optimization and Identify the prioritized areas in the university.
- ❖ Prepared Standard Operational Procedures (SOP) for documentation purposes.

Associate Software Quality Assurance Engineer (May 2016 – July 2017)

■■■■■■■■, Sri Lanka

Pearson - Full time

- ❖ Developed and executed automated test scripts and identified various bugs and defects in pre-production and delivered high-quality software products to end-user.
- ❖ Utilized Agile Methodologies using Jira as Project Management Tools.
- ❖ As a part of the Agile Scrum team, Active participant in Production Planning meetings, Sprint Planning meeting, Daily Scrum meetings, and created Test Plan document, Test finding documents, Test Status Documents, and QA sign off documents.
- ❖ Managed and maintained the Test Reporting environment in ALM (HP-Application Lifecycle Management) by creating and reporting test suites and test cycles.
- ❖ Performed Functional, Regression, Sanity, Compatibility, Accessibility test on the desktop browser using Windows and Mac.
- ❖ Conferred a Tech Talk on “Early Performance Testing” as part of an organization Initiative.

Projects

- ❖ Package Identification and Distribution System for Reducing Wait Time at University Housing. (DMAIC Project)
 - Conducted survey and interviews for data gathering, analyzed the data using Excel and Minitab.
 - Developed the SIPOC diagrams, Value Stream Map, Cause-effect diagram, Box plots to analyze the current system and identify strengths and weaknesses in the system.
 - Implemented and trained front desk workers to follow the improved process.