Vasudev Mehra

http://vasudev17.github.io/website | 905.808.6474 | vasudevmehra17@gmail.com

EDUCATION

UNIVERSITY OF WATERLOO
Masters in Business,Entrepreneurship and Technology (MBET), Part-Time
Sept 2020 | Waterloo, ON

UNIVERSITY OF WATERLOO
BASc. Honours Electrical Engineering with Options in Management Sciences
Sept 2014 - Apr 2019 | Waterloo, ON
GPA: 3.7 / 4.0

LINKS

Github:// **vasudev17**
LinkedIn:// **mehravasudev**

SKILLS

Programming
C, C++, Python, Matlab, HTML, SQL
Services:
Docker, Kubernetes, AWS EC2, AWS S3, Travis CI, Git, Charles Proxy, PostgreSQL, pgAdmin

PROJECTS

iDispose - 4th year Capstone Project
Implemented sensors like weight, visual to identify different types of waste. Incorporated machine learning to train our model.

AM/FM Replication
Replicated Amplitude Modulation and Frequency Modulation radio receivers. Implemented modulation and demodulation for double-side band and narrow band and wide band carriers. Also, implemented analog to digital conversion of signals

Traffic Light Controller
Implemented a traffic light controller using peripherals connected to the microprocessor by setting up and using Input/Output ports and used interrupts and polling to trigger interrupt service routine

EXPERIENCE

WELBILT INC. | Software Test Engineer
Dec 2019 - Apr 2020 | Mississauga, ON
- Developed a data logging feature for existing hardware in python for 30 days retention.
- Worked on BeagleBone Black (Linux development platform) to reverse engineer and resolve existing bugs to perform automated tests..

INDEPENDENT ELECTRICITY SYSTEM OPERATOR(IESO) | Systems Administrator (Co-op)
Jan 2018 - Apr 2018 | Mississauga, ON
- Managed Production and Non-Production (Windows and Linux) servers, upgraded hardware,tested various servers and installed security patches and software upgrade for production servers
- Mentored a new on-boarding employee to better understand the tasks, responsibilities, and the dynamics of the team.

SYMBILITY INTERSECT | QA Analyst (Co-op)
May 2017 - Aug 2017 | Toronto, ON
- Handled multiple client releases through biweekly sprints using the Agile development process.
- Created and ran complex test suites to thoroughly test upcoming Android and iOS applications using TestLodge. Ran various testing like functional, exploratory, cross-platform, sanity, regression, and parity testing.
- QA Lead for one of the major clients.

ASIGRA INC. | QA Analyst (Co-op)
Aug 2016 - Dec 2016 | Toronto, ON
- Tested the compatibility of third-party applications like SalesForce, SharePoint, O365 with Asigra's software.
- Used Bugzilla and Jira for the repository, reporting and tracking bugs, and providing updates on resolved bugs.

MAPLE LEAF FOODS INC. | Technical Projects Specialist IS-Support (Co-op)
Jan 2016 - Apr 2016 | Mississauga, ON
- Used Microsoft Service Centre (SCOM and SCSM) to analyze and resolve some of the IS issues.
- Built KPI reports, monthly C3 compliance reports, and publish the results in SharePoint.

CSA GROUP | IT Analyst (Co-op)
Jan 2016 - Apr 2016 | Mississauga, ON
- Configured and deployed new infrastructure.
- Played a key role in the deployment of O365 and Firefox.

CERTIFICATIONS

Year	Issuer	Certification
2020	Udemy	The Complete SQL Bootcamp
2020	Udemy	Docker and Kubernetes: The Complete Guide
2020	Udemy	Agile Project Managementt
2020	Udemy	Python Scripting for Software Testers
2016	Maple Leaf Foods	Lean Six Sigma - White Belt