

Arjun Luthra

luthra.arjun@gmail.com

(416) 200-9996

ArjunLuthra.com

EDUCATION

University of Toronto, BSc Computer Science, Minor in Statistics

Apr 2020

- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Intro to AI, Intro to Databases, Computer Networking Systems, Intro to Software Engineering, Programming on the Web

SKILLS

- **Languages and Databases:** Python, Java, JavaScript, Ruby, R, SQL, PostgreSQL
- **Frameworks:** React.js, Node.js, Ruby on Rails, Selenium, Appium
- **Tools:** Docker, Git, Gitlab CI/CD, Kubernetes, Docker
- **Project Management:** JIRA, Scrum, Agile

WORK EXPERIENCE

Qualcomm Systems Test Engineer

April 2022 – Sept 2022

- Developed automation test cases to test the Hexagon SDK VSCode extension using **Python**
- Created **Shell** scripts to check the version of software on various machines and update them automatically if outdated

Bell Mobility Software Developer

Nov 2020 – Mar 2022

- Developed and scaled an in-house **cell phone automation** solution built on the **Appium/Selenium** framework to run tests on devices to be certified using **Node.js**, **Ruby on Rails** and split into **microservices** using **Docker**
- Built a physical “Grid” used for **Distributed Testing** that hosts 200+ devices so that Bell teams located across the GTA as well as Montreal and Ottawa can use it for automated testing.
- Created **Shell** scripts to help troubleshoot and easily manage storage space and backups on our servers
- Developed a self-serve **Slackbot** that returns information about certified devices using **Node.js** and **Docker** and hosted internally as an **OpenShift Container** using **Kubernetes**
- Constructed a command line tool to generate weekly and monthly metrics about certified devices and then published it onto Confluence using **Ruby**, **Selenium** and **R**
- Built a command line tool to automate test cases required for device certification allowing for up to 8 devices to be certified simultaneously using **Python** and **ADB**
- Tested mobile devices in **RF Labs** and **verified modem logs** to ensure they support the correct wireless features and bands

Moldmasters IT Support

Jan 2019 - Sept 2019

- Led a project to **migrate 200+ users** from Windows 7/Exchange to Windows 10/O365 over a 4-month time period
- Developed **bash shell scripts** to reduce the turnaround time for new hardware making the process twice as efficient
- Executed **SQL queries** to pull data on IT ticket completion and efficiency and used those results to generate Cognos/BI reports

Moldmasters IT Intern

May 2017 - Sept 2018

- Wrote **detailed documentation** on difficult issues to help future interns solve tickets more quickly
- Created and implemented a streamlined process to provide **cellphone upgrades to 200+ users** company-wide
- Provided **Tier 1 and Tier 2 support** for internal users located in Canada, USA, Europe, China and India

PROJECTS

Personal Website

Aug 2020

- Developed using the **React** framework, **Node** for the backend and **GitHub Pages** to host the website
- Created a **responsive UI** using CSS so that the website scales properly on mobile web browsers