Arjun Luthra

arjun.luthra@mail.utoronto.ca
(416) 200-9996
ArjunLuthra.com

EDUCATION

University of Toronto, BSc Computer Science, Minor in Statistics **Apr 2020**
- **Relevant Coursework:** Data Structures and Analysis, 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, HTML/CSS, Ruby, R, SQL, PostgreSQL, MongoDB
- **Frameworks:** Express.js, React.js, Node.js, Ruby on Rails, Selenium, Appium
- **Tools:** Docker, Git, Gitlab CI/CD, Android ADB, Kubernetes, Docker, Networking
- **Project Management:** JIRA, Scrum, Agile

WORK EXPERIENCE

Bell Mobility *Software Developer* **Nov 2020 - Present**
- 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 **Docker**
- Built a physical "Grid" used for **Distributed Testing** that hosts 200+ devices hosted on 15 Mac Mini's that connects to our automation solution that is used by Bell teams located across the GTA as well as Montreal and Ottawa
- 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**
- Developed a command line tool to generate weekly and monthly metrics about certified devices and then published it onto Confluence using **Ruby**, **Selenium** and **R**
- Developed 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**

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
- Designed and deployed bash shell scripts to reduce the turnaround time for new hardware making the process twice as efficient
- Wrote 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**
- Designed and deployed bash shell scripts to automate solutions to common issues that users faced
- Wrote detailed documentation on difficult issues to help future interns solve tickets more quickly
- Provided Tier 1 and Tier 2 for internal users located in Canada, USA, Europe, China and India

PROJECTS

Personal Website **Aug 2020**
- Developed using the React framework, JavaScript 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

Facetag **Mar 2016**
- Collaborated with 3 teammates to create a facial recognition app for Android using the Kairos API that links faces to social media accounts of the users
- Winner of the "Most Promising Future Startup" award at NHacks 16'