

# Imran Adamjee

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## Education

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**B.Sc. Combined Major: Computer Science and Physics**  
*The University of British Columbia*

*Vancouver, BC*  
*May 2020*

## Skills

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**Software:** (*proficient*): Python, Java, C++, PostGRES, PySpark, Git, TensorFlow (*familiar*): AWS, GCP, Golang, GIS, Swift  
**Professional:** Agile, Analytical Thinking, Communication, Leadership, Problem Solving, Process Mining, Resourcefulness

## Employment

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### SYSTEMS AND TELEMETRY DEVELOPER

*Vancouver, BC*

*UBC Solar Engineering Design Team*

*March 2018 – Dec 2019*

- Designed and built a live website to host data visualizations for the battery team using d3.js along with Java
- Managed the Aeroshell team in designing and fabricating the body-on-frame out of carbon fiber from scratch
- Researched and implemented STM 32 as the microcontroller of the vehicle, controlling 33 independent systems

### ASSISTANT SYSTEMS ADMINISTRATOR

*Vancouver, BC*

*University of British Columbia IT*

*May 2018 – May 2019*

- Utilized Python along with Puppet and AppleScripts to automate workflow for the systems administrator
- Created detailed documentation for day to day operations which cut response times on new tickets by 30%
- Worked with clients to determine optimal options to tackle projects while maintaining deadlines and best practices

### PROJECT MANAGER

*Vancouver, BC*

*Marino General Contracting*

*May 2017 – Sept 2020*

- Developed a custom inventory & tool management system, increasing tool rental profit by 80%
- Created detailed estimates and timelines for projects worth over \$100,000, optimized for time and materials
- Established and fostered strong relationships with clients resulting in reoccurring work and recommendations

## Projects

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### MACHINE LEARNING/STATISTICAL ANALYSIS

*October 2020*

- Applied supervised and unsupervised Machine Learning algorithms to datasets in attempt to predict future data
- Gained practical understanding on how to apply Machine Learning Algorithms to large datasets for data analysis
- **Utilized:** TensorFlow, Python, PyCharm, K-Means Clustering, Linear Regression, K-Nearest Neighbors, Pandas

### VANCOUVER DECONGESTION HACKATHON

*November 2019*

- Developed a web application using JavaScript and Python that provides users with the safest route in Vancouver
- Incorporated real time traffic conditions of 200+ traffic signals along with collision data from City of Vancouver API
- **Utilized:** Google Cloud API's, CoV traffic data open API, JavaScript, Python, HTML, CSS, Dijkstra's algorithm

### NW HACKS: VANCOUVER HACKATHON

*January 2020*

- Built an Arduino powered teddy bear sleep tracker with a web application allowing users to track their sleep
- Created data visualizations which allow users to model their sleep patterns and compare with friends or family
- **Utilized:** Arduino, JavaScript, React Native, C/C++, Python, HTML, CSS, out of the box thinking and resourcefulness

### DNS LOOKUP SERVICE

*November 2019*

- Implemented a Java Command Line tool listing DNS, nameserver, IP addresses, ping and CNAME information
- Created by parsing the information provided through Wireshark and implementing a visual representation
- **Utilized:** Wireshark, Java, Linux, TCP, UDP, DNS, HTTPS, low-level network libraries, command line tools