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Imran Adamjee

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Education

BSC Combined Major Physics and Computer Science — *Vancouver, BC*
The University of British Columbia — *May 2020 Completion*

Employment

SYSTEMS AND TELEMETRY DEVELOPER — *Vancouver, BC*
UBC Solar Engineering Design Team — *March 2018 – Dec 2019*

- Designed and built the site to host data visualizations for the battery team using d3.js along with Java
- Managed the Aeroshell team in designing and fabricating the body of the vehicle out of carbon fiber from scratch
- Researched and implemented STM 32 as the microcontroller of the vehicle allowing vehicle wide communication
- Played a key role in designing, building and deploying software & mechanical solutions integral to race performance

PROJECT MANAGER — *Vancouver, BC*
Marino General Contracting — *May 2017 – Current*

- Managed job sites, directed employees and implemented original ideas to reduce operating expenses
- Created detailed estimates and timelines for projects optimized for budget and resource management
- Established and fostered strong relationships with clients resulting in reoccurring work and recommendations
- Optimized business operations by taking advantage of self-made inventory & tool management system

ASSISTANT SYSTEMS ADMINISTRATOR — *Vancouver, BC*
University of British Columbia IT — *May 2018 – May 2019*

- Utilized Python along with Puppet and apple scripts to automate workflow for the current systems administrator
- Designed detailed documentation for day to day operations expediting response times on future tickets

Projects

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 and road along with up to date collision data from city of Vancouver (CoV) API
- Offered up to 3 alternative routes based on user's situation keeping safety at the highest priority
- Utilized: Google Cloud API's, CoV traffic data open API, JavaScript, Python, HTML, CSS, Quicksort algorithm

NW HACKS: VANCOUVER HACKATHON — *January 2020*

- Developed a fully functional teddy bear sleep tracker designed as a replacement to your phone or wearable
- Using an Arduino alongside a fully functional web application users would be able to accurately record their sleep
- The web application allows users to visualize their sleep and compare with trusted friends or family
- Utilized: Arduino, JavaScript, React Native, C/C++, Python, HTML, CSS, Out of the box thinking and resourcefulness

STOVETOP ESPRESSO MACHINE — *November 2019*

- Designed, prototyped, machined, and welded fully functional residential espresso device with no moving parts
- Applied knowledge gained from UBC Machine Shop to my passion for inexpensive homemade espresso
- Achieved the nine bar pressure requirement for commercial espresso machines without
- Utilized: AutoCAD 2018, Fusion 360, UBC Physics Lathes and drill presses, Thermodynamics and Chemistry

Skills

- **Software:** *(proficient)*: Python, Java, C, C++ Unix, GIT, AutoCAD, Office *(familiar)*: Ruby, Swift, JavaScript, TensorFlow
- **Professional**: Leadership, Agile, Scrum, Organization, Problem Solving, Resourcefulness, Communication