SHAMEIZ RANGWALA
HONOURS COMPUTER SCIENCE

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EDUCATION

University of Waterloo
Candidate for Bachelor of Computer Science , Honours Computer Science 2021

Content: Sequential Programs, Data Structures and Data Management, Program Efficiency, Combinatorics

SUMMARY OF SKILLS

- **Languages**: Swift 4, C++, C, Javascript, Brightscript, Typescript, Java, Scheme , Python, HTML5 and CSS3
- **Tools/Frameworks**: Xcode, Cocoa Touch, Angular.js, Node.js, Sony Trilithium, React.js, Git, Bash/Linux
- **Platforms** : iOS, Web, Samsung and LG SmartTV's, Roku and PlayStation 4

EXPERIENCE

ACCEDO (FORMERLY DIGIFLARE INC.) · **Software Engineer**   Jan 2018 to May 2018
- Developed over-the-top, adaptive media streaming applications for Roku, tvOS and PlayStation 4
- Fully developed, tested and shipped the Sportsnet application for Playstation 4 which now has over 2000 users
- Utilized Sportsnet's REST API'S as well as Sony's Trilithium platform to build both UI and video delivery controls
- Integrated technologies such as Authentication and Omniture Analytics using tag manager (DTM)

CINEPLEX ENTERTAINMENT · **Software Developer**   May 2017 to Sep 2017
- Developed the inaugural Cineplex Store app for digital movie rental, purchase and streaming on Smart TVs
- Used Angular JS, Toast, JavaScript, HTML5 and CSS3 along with Cineplex REST APIs for development
- Implemented DRM/Streaming technologies include Playready/Smoothstream
- Setup Jenkins CI to run builds for the Tizen, WebOS, Orsay platforms using shared codebase

PROJECTS

"PEOPLESTREAM" : HACK THE NORTH 2017   Sep 2017 to Nov 2017
- Designed and developed a web app that acts as a social media news aggregator and tackles "fake news"
- Worked on front end development as well as used Indico's API to implement NLP sentiment analysis

ONE IV   Jan 2018 to May 2018
- Worked with a team to develop, test and ship an iOS app for a Volunteer Management System for a Non Profit Organization which has over 2000 downloads on the app store
- Developed the service layer and implemented push notifications and OAuth login for Facebook and Google

"DI\/IDE" : MCHACKS 2017   Jan 2017
- Created a cross-platform mobile application designed to split costs of payment receipts by photo recognition
- Implemented a React-Native framework using ReactJS and Microsoft's Cognitive Services API

"LERTBIKE": MHACKS X   Sep 2017
- Created a bike safety and alert system using Bluetooth Low Energy sensors, Twilio's API and Android Studio
- Won the "Hacking the Driving Experience" prize sponsored by Honda for this project

CONNECTWORLD   Mar 2017
- Developed a web app to facilitate easy networking amongst people using APIs of major social media platforms
- Used a QR code API to generate a unique identification for each user by encoding all their social media handles

PERSONAL AND ACADEMIC ACHIEVEMENTS

- Won the first place prize sponsored by Honda at MHacks X for developing a bike alert and safety system
- Won the National ISTAR Award in 2015 for Academic Achievement and Excellence from amongst 10,000 Canadian youth
- Celestica's $2000 Scholarship, University of Waterloo President's Scholarship(95% or higher)
- Ismaili Volunteer Corps. 5 Year Award for Community Service and Leadership