Linda Munisi

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EDUCATION

University of British Columbia

BASC IN COMPUTER ENGINEERING *Sept 2015 - May. 2019*

- Courses: Software development, Data structures, Digital systems design

EXPERIENCE

GLOBAL RELAY COMMUNICATIONS Vancouver, Canada

SOFTWARE DEVELOPER *Jan 2018 - Apr. 2018*

- Used Javascript, HTML, CSS and Sencha framework to implement web UIs and APIs for Global Relay's core service offering
- Worked with interaction designers to ensure the application is user-friendly, usable and accessible
- Wrote functional tests using web testing frameworks and automate them using continuously nightly builds

QUALITY ASSURANCE ANALYST *May 2017 - Dec. 2017*

- Identified, documented and reported bugs, errors and interoperability flaws within software applications developed
- Performed manual tests and automated test cases in C# using Selenium framework
- Worked collaboratively following Jira tickets to complete full testing on major releases
- Improved QA documentation practices to enhance testing standardization

TSB COMMUNICATIONS Vancouver, Canada

JUNIOR SOFTWARE DEVELOPER *May 2016 - Aug. 2016*

- Created prototypes for iOS and android applications and implemented their functionality
- Worked with senior developers to build interface with focus on usability features
- Initiated the idea of using Xamarin as a framework to support development of Android and iOS applications concurrently

PROJECTS

HEART RATE VARIABILITY MONITOR

- Designed a device that reports heart rate variability for biofeedback purposes using an iPod pulse oximeter and a touch screen mediated by a DE1-Soc board
- Implemented logic in C and Verilog that displayed appropriate feedback guiding the user in modifying their heart rate using biofeedback techniques
- Investigated target market, tested overall performance and wrote a report of the system evaluation

IMPLEMENTATION OF MULTI-FUNCTIONAL ROBOT

- Provided a full-functioning design that supported the robot's reaction to the environment autonomously using C

- Implemented the logic that controlled the movement of the robot using infrared signals from a remote
- Collaborated with 2 other teammates to plan and meet project goals on time

TECHNICAL SKILLS

- Languages: Java, C#, Javascript, HTML, CSS, Verilog
- Technology and Frameworks: Git, iOS, Android Studio, Selenium, MatLab
- Hardware components: Arduino, Raspberry Pi, De1-Soc Board