MAYNARD RUSSELL
COMPUTER ENGINEER + FRONT-END DEVELOPER

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https://hifisamurai.github.io

EDUCATION

University Of New Brunswick - Class of 2010
Bachelors Degree in Computer Engineering - GPA: 3.5

NOTABLE SKILLS

- Passionate about user interfaces and the psychology of human computer interactions
- Adept at rapid prototyping and agile development methodologies
- Rigorous and scientific when analyzing and troubleshooting technical issues
- Extremely proficient at learning new technologies and patterns
- Philosophically inclined towards the more abstract areas of technology

WORK EXPERIENCE

Full-Stack Developer/Team Lead
Top Hat Ltd. [Dec. 2016 – Present]
- Developed and iterated on features for education engagement software
- Instituted new front-end development technologies and workflows
- Managed release timelines with executive and product stakeholders

Front-End Engineer
IBM Canada [Nov. 2015 – June 2016]
- Constructed and maintained interface libraries for front-end teams
- Researched emerging interface technologies and devised best practices
- Collaborated with design teams to enhance design consistency

User Interface Developer/Technical Lead
Firmex Inc. [April 2012 – Nov. 2015]
- Oversaw re-organization of codebase architecture for mature web application
- Spearheaded design and implementation of in house libraries and utilities
- Coordinated between cross-disciplinary teams to developed specifications and architectures for new application components
- Supervised junior developers and provided technical guidance and mentorship
- Received internal innovation award for the development of document viewing application

Mobile/Web Developer
Rycom Inc. [Aug. 2011 – March 2012]
- Developed mobile applications to integrate with existing platforms for digital transactions
- Designed and implemented Android based networking protocols to compile, store, transmit, request, and parse application data
- Configured mobile hardware drivers and modules for data collection and organization

Software Developer
Lumin Ultra Ltd. [Feb. 2010 – May 2011]
- Prototyped and deployed desktop applications for performing data analysis
- Developed and fine-tuned user interfaces for content management system
- Designed modules for data visualization and process analysis
- Managed database for storage of data readings, and module settings
- Designed user interface and communication protocols for embedded hardware system

Technical Coordinator
CHSR Community Radio [Oct. 2006 – Sept. 2009]
- Constructed, programmed, and maintained a podcast server to archive broadcasted audio and allow for web access to recorded programs
- Performed extensive upgrade of the station's broadcasting studio and trained station staff in the usage of the new equipment
- Supervised and trained volunteers in the operation of in house recording studio
- Maintained broadcast hardware and software for broadcasting and recording
- Oversaw special events and remote broadcasts

ABOUT ME
- I counterbalance my technical aptitude with a deep fascination with human psychology and existential philosophy. I decided to re-dedicate myself to the engineering profession after reading "Zen and The Art of Motorcycle Maintenance", which has had a profound effect on my perception of the world.
- I have never derived much gratification through material reward. I only gain true professional satisfaction from the development of well-designed systems that provide true benefit to others.
- I have a deep passion for music, and spent a previous life as a freelance sound engineer and radio disc jockey. The degree to which I have organized my album collection borders on obsessive.