MAYNARD RUSSELL
COMPUTER ENGINEER, FRONT-END DEVELOPER

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https://hifisamurai.github.io

EDUCATION

University Of New Brunswick - Class of 2010
Bachelor's Degree in Computer Engineering

NOTABLE SKILLS AND INTERESTS

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

WORK EXPERIENCE

Front-End Engineer
Owl Practice [April 2021 -Present]
- Modernized and maintained platform interface for mental health practitioners
- Oversaw integration with 3rd party platforms for the implementation of insurance capabilities within the platform
- Contributed to front-end and back-end maintenance and development of best practice standards across the application
- Participated in design reviews and partnered in the development of interface patterns

Front-End Engineer
Hubba Inc. [June 2020 - Feb. 2021]
- Maintained and updated legacy commerce platform
- Facilitated team and stakeholder conversations around standardizing coding practices and project specifications
- Performed migration and documentation of updated design system
- Performed support and troubleshooting of transaction and bookkeeping issues across various financial systems

Front-End Engineer
Shopify Inc. [Oct. 2017 - June 2020]
- Configured backend infrastructure, markup, and styling for public facing marketing sites
- Architected and developed apps within internal ecosystem for integrating with and configuring 3rd party sales and marketing channels
- Collaborated with design and application teams to construct standardized components and codify best practices for developing and configuring applications

Full-Stack Developer/Team Lead
Top Hat Ltd. [Dec. 2016 – Oct. 2017]
- Developed and iterated on features for education engagement software
- Instituted new front-end development patterns and workflows
- Mentored junior developers and managed release timelines with external 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

WORK EXPERIENCE (CONTINUED)

User Interface Developer/Technical Lead
Firmex Inc. [April 2012 – Nov. 2015]
- Oversaw re-organization of codebase architecture within a mature web application
- Spearheaded design and implementation of in house libraries and utilities
- 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 social media platforms
- 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]
- Developed and maintained web applications for performing data analysis
- Designed modules for data visualization and process analysis
- 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
- 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 titles or material compensation. I only gain true professional satisfaction from the development of well-designed systems that provide true benefit to others, and by working with talented professionals with a similar commitment to thoughtfulness and quality.
- I have a deep passion for music, and spent a previous life as a freelance sound engineer and radio DJ. As I mature in years this aspect of my personality has begun to recede, but it remains a core building block within my foundation.
- A common theme of my interests over the course of my life and career is my fascination and curiosity towards history. I enjoy uncovering the roots of contemporary social and technological trends, and I like finding historical parallels or morals that can provide insight or direction about current projects or uncertainties.