

SKILLS SUMMARY

- Excellent software design knowledge of web-based systems
- Experienced with modular and asynchronous web design patterns
- Critical and analytical thinker with exceptional attention to detail
- Exceptional communication skills obtained through project management experiences
- Extremely efficient self learner with a passion for new technologies

EDUCATION

University of Waterloo, Waterloo, ON Sept 2015 - Present

Candidate for Honours Bachelor of Computer Science - Business Option

Relevant Course Experience:

- Developed knowledge on C and Scheme: Recursion, Mutations, Data Structures
- Obtained in-depth understanding of encapsulation, polymorphism and various algorithms
- Acquired knowledge on algorithm efficiency, ADT implementation and memory management
- Gained a strong understanding of probability models, variances, covariances and data distributions

WORK EXPERIENCE

Ontario Medical Association, Toronto, Ontario May - Aug 2015

Front End Developer - High Velocity Team

- Guided the company to adopt Agile methodologies with Scrum sprints and the utilization of daily stand-ups, backlogs as well onboarding them with Slack
- Designed and implemented multiple asynchronous web apps with adaptive UI
- Lead the standardization of the "OMA stylesheet" to maintain a standard look and feel across all OMA applications, which was lacking prior to my initiative
- Halved the development time for OMA Single Page Applications by developing a framework which controls the views, performs validation and submits the models

Flare, Toronto, Ontario July - Aug 2015

Web & Android Developer

- Created a newsfeed for a web application that allows customers to create and see large events happening in their local areas
- Provided consultation for the enhancement of their UI/UX on both their web and mobile applications
- Root caused and patched issues that were major blockers for their initial release

Capital One, North York, Ontario Jan - April 2017

Software Engineer - Web & Infrastructure

- Migrated web development in-house and developed a fully automated CI/CD pipeline for web development and infrastructure initialization
- Successfully reduced production deployment times by 99%
- Onboarded fully automated visual testing, 'Visual Diff' to maintain fantastic UX
- Modernized over 30 web pages with multi-language capabilities
- Integrated element tagging to allow for important data to be collected

LANGUAGE EXPERIENCE:

C, C++, R, .NET, SQL, Node JS, HTML5, JavaScript, Angular2, CSS, Bootstrap, JQuery, Groovy, Terraform, Shell Scripting

TOOLS/Frameworks:

AWS, GIT, Jenkins, Docker, TFS, Heroku, Contentful, Ansible, Android Studio, Visual Studio, Cucumber, Jasmine, Protractor,

HIGHLIGHTS:

Web Development
Automation
Project Management
Business Analysis

SIDE PROJECTS:

Reachr

Activity based social-network which allows students with busy schedules to easily coordinate meetups. Developed business plan & website

Code Name Envio

A web and mobile application used for crowdsourcing data. Designed to allow users to report issues within their vicinity with the option of upvoting events of concern.

Visual Diff

A open source tool that allows for visual testing. Determines the amount of change that took place and passes or fails automated tests accordingly. Prevents defects from entering prod.

Rezoom - (Planning Phase)

A contextual vocal search engine. Vocally describe a position in some media (movie, book, tv show) and the system will automatically resume from their described "scene".

Interests:

Machine Learning | Finance | Data | Social Networks | Web Design | Fitness | Video Games | Biology