

EMPLOYMENT

App Development, Lead	ERA: Emergency Response Aid	January 2017 - April 2017
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- Created an emergency application that can help users get the response they need through their phone, with a simple to use interface made with Android Studio
- Developed with MongoDB database program to keep track of user information and logins, custom database tables to ensure valid key access, APIMedic for medical information, and location tracking
- Increased patient visits to medical professionals, improved emergency response time for users

Web Design, Lead	Modern Knowledge News	September 2012 – April 2014
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Introduced new networking platform designed for members of the news board, allowing for user creation and content submission

- Redesigned user interface, implemented backwards compatibility, created a database to allow article searches and account creation
- Resulted in a traffic increase, more page views, and longer average time spent on the website. Increased user participation resulted in more content for visitors

EDUCATION

Mississauga, ON	University of Toronto	Fall 2014 – Spring 2018
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- B.Sc Mathematics, Statistics Minor (Specializing in Computer Science) **3.25 cGPA**
- Relevant Coursework: Operating Systems; Databases; Algorithms; Applications of Computer Science; Programming Languages; Computer Architecture; Programming organization; Web Programming
- Focus on Artificial Intelligences, Databases, and Algorithms. Additional areas include web design, app development, and programming design

PROJECTS

Impactful Experiences

- **Formatted Virtual Disk** (May - August). Implementation of the ext2 file system with tools to modify ext2-format virtual disks
- **Treasure Hunter** (September - December). Java application combining path finding and graphical user interfaces to create a randomized minigame to seek treasure using a BFS algorithm
- **Marvin Chat Client** (February - May). Web client that can hold basic conversation including arithmetic response type when connecting to server. Includes profiling and server porting
- **Bash Replication** (September - April). Major command line program that integrates Unix's bash operation. Contains a text editor, file system, and search method

ADDITIONAL EXPERIENCE AND AWARDS

Crown Prince Scholarship Program (2012 – 2014): Two year program lead by Bahrain's Crown Prince consistent of training and a solid international educational foundation

Scrum Leader (2015 – 2017): Multiple projects completed as the leader of a scrum group, providing experience in the Agile development process completed in sprints

Languages

C	Java	CSS
C++	XML	SQL
HTML	Python	Assembly
SML/Prolog	Javascript	Scheme/Racket

References Available per request, website available [here](#) and github projects [here](#).