

James M. Robertson

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EDUCATION

Bachelor of Engineering Science, Software Engineering

September 2016 – April 2020

Western University, London, Ontario

- “Dean’s Honor List 2019-2020”

Membership

March 2019 – Current

Interaction Design Foundation

- “Top 10% in Class – Web Design for Usability”
 - “Top 10% in Class – Human-Computer Interaction – HCI”
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PROJECTS

Canadian Engineering Accreditation Management System

September 2018 – April 2019

Software Engineering Design course, Western University

- Developed system and features alongside other teams simulating entire software lifecycle
- Gained experience working in an Agile Scrum software development style
- Took lead within team to lead meetings, and plan responsible tasks for specific sprints
- Worked with Ember.js framework for frontend, Node Express server, and MongoDB on backend

Ecommerce Angular Web Application

November 2018

Web Technologies course, Western University

- Used full implementation of the M.E.A.N stack (MongoDB, Express.js, Angular, Node.js)
- Effectively learned and harnessed Typescript for writing Angular 7.0 front end
- Deployed RESTful Node server API to handle client-side interactions with Mongo backend
- Created online web store with user login, basic authorization, and security measures

Relational Database Schema with Web Interface

November 2018

Database Management Systems course, Western University

- Worked alongside a team in an agile work environment, employing paired programming
 - Developed a SQL database schema to build relations for a MySQL database connection
 - Built interface that connected to MySQL database through Node Express server with RESTful API
 - Designed advanced queries using SQL to analyze and pull data from the database
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TECHNICAL OVERVIEW

- Proficient in JavaScript, C++, Python, HTML, CSS, and SQL
- Utilizes git to structure and manage progression of projects and fix problems
- Has large knowledge and understanding of data structures, algorithms, and design architectures
- Can effectively display and communicate ideas, assisted by UML diagrams and wireframes

TECHNICAL SKILL & EXPERIENCE

LANGUAGES

- JavaScript, Typescript, jQuery
- HTML, CSS
- Python 2, Python 3
- C++, C#, Java, Ruby
- SQL

WEB TECHNOLOGIES:

- Angular 2.0
 - React.js
 - Ember.js
 - AWS Cloud Services
 - Microsoft Azure Services
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VOLUNTEER EXPERIENCE

Residence Soph

February 2018 – April 2019

Student Leader Volunteer at Western University, Saugeen Maitland Hall

- Learned how to deescalate, and handle a wide variety of scenario and situations in residence
- Gained effective communication skills, and invaluable experience in dealing with people
- Displayed interest in helping others while further developing personal growth
- Bonded with the students responsible to look after, and created positive relationships with entire building team (residence staff, residence managers, and other sophs)

Certification

- SafeTalk Certification, by Living Waters – Suicide Prevention Training

Hack Western Event Volunteer

November 2018

- Managed technical equipment sign outs
 - Ensured participants were comfortable, and had a positive working environment
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PAST WORK EXPERIENCE

Accounting Support – File Management Intern

July 2019 – August 2019

Sorbara Group of Companies, Vaughan, Ontario

- Asked to return for additional responsibilities, and assistive work
- Followed instructions thoroughly and adaptively, catering to tasks as needed

Accounting Support - Construction Analyst

May 2017 – August 2017

Sorbara Group of Companies, Vaughan, Ontario

- Took on a wide assignment of tasks with enthusiasm, flexibility, and vigor
- Received valuable experience in bonding with fellow employees and working as a team