

James M. Robertson

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Curriculum Vitae (CV)

EDUCATION

Bachelor of Engineering Science, Software Engineering

September 2016 – April 2020

[Western University](#), London, Ontario

Student Membership

March 2019 – Current

[Interaction Design Foundation](#)

Distinctions

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

High School Diploma

September 2012 – June 2016

Sir William Mulock Secondary School, Newmarket, Ontario

ACADEMIC 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

Developed 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

Developed 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

Proficient Languages

- C++
- C#
- Java
- Python 3
- Ruby
- Javascript
- JQuery
- HTML
- CSS
- SQL
- Typescript

Proficient Technologies

- Git
- MongoDB
- Node.js
- Express
- Postman

Backgrounded Frameworks

- Ember.js
- Angular 7

TECHNICAL SKILLS

- Utilizes GitHub to structure and manage progression of projects and recover from problems
- Has large knowledge and understanding of data structures, algorithms, and design architectures
- Can effectively display and communicate ideas, assisted by various UML diagrams
- Understands and employs clear formal notation to demonstrate security functions including cryptosystems, key encryptions, and certificates

WORKPLACE SKILLS

- Enjoys working alongside a team, receiving and giving help to team members
- Driven to solve problems, actively seeks to learn new ways to utilize technology effectively and create better work by reflecting on mistakes
- Recognized for high empathy and ability to connect with others

EXTRACURRICULAR ACTIVITIES

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

EXTRACURRICULAR ACTIVITIES (Continued)

Founders Club Member

September 2018- April 2019

- Attended technical learning workshops

Guitar Club Member

September 2018- April 2019

- Attended skill-based workshops and hangouts

Guitar Club Member

September 2018- April 2019

- Helped fund and perform acts of kindness around campus

Intramural Volleyball

September 2017- December 2017

- Engaged in teamwork to help lead team to Intramural Playoffs

Western Formula Club Member

September 2016- December 2016

- Helped Western's team perform at Oshawa starters race through flexibly performing tasks
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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
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VOLUNTEER EXPERIENCE

Residence Soph Student Leader

August 2018 – April 2019

Western Housing, London, Ontario

- Returned to residence to help direct new students through the adjustment of moving
- Worked alongside Residence Staff member in a cohesive and flexible unit

Oweek Orientation Volunteer

August 2018 – September 2018

Western's University Students' Council, London, Ontario

- Lead students throughout orientation welcome week events
- Monitored and address student problems

School's Done: Fun Run! Volunteer

March 2019

- Brought energy and fun to participants of the colour run

VOLUNTEER EXPERIENCE (Continued)

Hack Western Event Volunteer

November 2018

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

Relay for Life Event Crew Volunteer

February 2016 – March 2016

- Assisted sound coordination for events
 - Engaged participants with high energy and encouragement
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KEY SKILLS

- Listens attentively to instructions, and asks for clarification quickly
- Aims to solve problems in a timely and flexible manner
- Is resourceful in looking for solutions to problems
- Enjoys working with a team, and excels in partnership tasks
- Works effectively when independent
- Encourages others to work productively, enthusiastically, and effectively
- Takes responsibility for quality of performance, and excels with feedback in order to better it
- Gives credits to those who help and contribute work when responsible for leading a task
- Makes plans to learn from encountered failures, and develops strategies to create success
- Wants to further prove own ability in new settings, and further develop life skills
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INTERESTS: Fitness, Music Listening, Guitar, Ukulele, Sketch Art, Philosophy, Anthropology, Film, Poetry, Fashion, Gaming, Sound Design, UX Design, Interaction Design, Coding, Photoshop, Video Editing, Hiking

CERTIFICATION LINKS

PROGRAMMING LANGUAGES:

- C++ <https://www.sololearn.com/Certificate/1051-5018347/pdf/>
- C# <https://www.sololearn.com/Certificate/1080-5018347/pdf/>
- Java <https://www.sololearn.com/Certificate/1068-5018347/pdf/>
- Python 3 <https://www.sololearn.com/Certificate/1073-5018347/pdf/>
- Ruby <https://www.sololearn.com/Certificate/1081-5018347/pdf/>
- Javascript <https://www.sololearn.com/Certificate/1024-5018347/pdf/>
- JQuery <https://www.sololearn.com/Certificate/1082-5018347/pdf/>
- HTML <https://www.sololearn.com/Certificate/1014-5018347/pdf/>
- CSS <https://www.sololearn.com/Certificate/1023-5018347/pdf/>
- SQL <https://www.sololearn.com/Certificate/1060-5018347/pdf/>

INTERACTION DESIGN FOUNDATION CERTIFICATES / DISTINCTIONS

- IDF Membership
<https://www.interaction-design.org/james-robertson-1/certificate/membership/PN0QbSrgw?r=james-robertson-1>
- “Human Computer Interaction – HCI”
“Top 10% in Class – Human-Computer Interaction – HCI”
<https://www.interaction-design.org/james-robertson-1/certificate/course/PTX12xp5r>
- “Web Design for Usability”
“Top 10% in Class – Web Design for Usability”
<https://www.interaction-design.org/james-robertson-1/certificate/course/PVXpGs4Rx>

LIVINGWORKS

- SafeTalk – Suicide Alertness
<https://raw.githubusercontent.com/Jamesrbtrsn/Career-Application-Portfolio/master/Certifications/SafeTalk%20Certificate.jpg>