

Chris Maltais

UNDERGRADUATE STUDENT · SOFTWARE ENGINEER

Ottawa, Ontario, Canada

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Education

Queen's University

B.S. IN COMPUTER ENGINEERING SPECIALIZING IN SOFTWARE ENGINEERING

Kingston, ON, CA

Sept. 2014 - Dec. 2019

Nanyang Technological University

INTERNATIONAL EXCHANGE PROGRAM

Singapore

Aug 2017 - Dec 2017

- Ranked #1 Engineering school in Asia and #20 globally for Computer Science by QS University Rankings

Bader International Study Centre

INTERNATIONAL EXCHANGE PROGRAM

Herstmonceux, England

April 2015 - June 2015

- 6 weeks of immersive project management training

Experience

Shared Services Canada

SOFTWARE DEVELOPMENT INTERN

Ottawa, ON, CA

May 2018 - Aug 2018

- Built Microsoft Project optimization tools to eliminate need of weekly manual reporting, saving >\$45,000 annually in employee costs
- Developed batch & shell scripts to automate installation/configuration of tools, reducing time to install macros from 20 mins to 15 secs
- Created CLI to increase adoption of reporting tools, becoming second highest starred project within internal Git repositories
- Designed BI tool using logged defect data from testing (SIT/UAT) to identify a new business KPI, resulting in new insight about efficiency of vendors

Procter & Gamble

PRODUCT MANAGEMENT INTERN

Toronto, ON, CA

May 2016 - April 2017

- Cut 1.5% of total expenditure costs for trade promotions through the development of an application for company analysts
- Facilitated SIT and UAT development phases for multiple projects with <1% open defects transitioning between phases
- Led daily stand-up meetings with upper management and development team
- Created opportunities for employee development by organizing company workshops and conferences, focusing on innovation and entrepreneurship
- Sought out external events for employees to participate in to establish links between P&G and the greater Toronto tech community

Projects

wherecouldihavegone.com

TOOLS: NODE.JS, EXPRESS, BOOTSTRAP, FITBIT API, GOOGLE MAPS API, ZEIT NOW, GIT

Hackathon

Feb 2018 - PRESENT

- Created a web app to pull and aggregate historical Fitbit data of total distance traveled by a user, and displayed the farthest city they could have walked to on a map
- Designed/Implemented algorithm for determining farthest city using Google Maps Direction API and Fitbit API

Tix4Flix

TOOLS: PHP, SQL, BOOTSTRAP 4, JAVASCRIPT, APACHE

School

March 2018

- Designed entity-relationship diagram for an online movie ticketing service, translated schema to SQL for MySQL database
- Built web app encompassing user registration, login, admin privileges, reservations, and theatre capacities

Singapore Crisis Management System

TOOLS: JAVA, SPRING BOOT, BOOTSTRAP, JQUERY, AJAX

School

Nov 2017 - Dec 2017

- Developed beta prototype to communicate with three other crisis departments via RESTful API's
- Created Data Flow Diagrams, State Transition Diagrams, Decision Tables, and UML Use Case Diagrams to solidify architecture design & style (MVC/Repository) before implementation.

Skills

Frameworks	Bootstrap 4, Node.js, Spring Boot, GatsbyJS, Bulma
Programming	Proficient in Java & VBA. Project Experience with Javascript, Python, Shell, PHP, SQL, HTML, CSS
Technologies	Git, Eclipse, Heroku, Google App Engine, ZEIT Now, XAMPP, Unix
Leadership	PMO Certified (CAPM), Agile Methodology, Critical Chain Project Management, PMBOK, HackPrinceton "Best Teamwork" Hack