

Palmer M^cCutcheon

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Skills

Most experienced with: **JavaScript, Java, HTML, CSS**

Some experience with: **React, C, Swift, VHDL, Assembly, MATLAB**

Technology experience: **Git, FPGAs, Firebase**

Education

Queen's University, Canada | B.A.Sc. Computer Engineering

Expected April 2018

- Cumulative GPA: 3.24 / 4.3
- Recipient of Queen's University Excellence Scholarship for outstanding academic performance
- Relevant courses: Data Structures, Algorithms, Operating Systems, Fundamentals of Software Development, Discrete Mathematics

Experience

Case Simulation Engineer | Queen's Conference on International Business

2016 – 2017

- Developed full stack single page web app for business simulation that scaled to 20+ teams concurrently
- Featured real-time messaging, trading and user authentication
- Technical skills: JavaScript, React, Firebase

Undergraduate T.A. | APSC 142: Introduction to Computer Programming

2016 – 2017

- Managed labs of 50 students leading to growth in troubleshooting skills and independence of students
- Guided learning of programming basics, robotics and debugging for 1st year engineers

groundhogAI.com | Hack the North

2016

- Worked on team of 4 to develop full stack movie revenue prediction service at 36-hour hackathon
- Machine learning model and platform predicted movie revenues, resulted in accurate predictions for ~50% of movies
- Technical skills: Machine Learning, Azure, React, Express, Google Cloud Platform

St. John Ambulance Registration App | Code the Change

2016

- Developed iOS app for signup and payment of courses during 9-hour hackathon style event
- Communicated with project manager and team member to design and build app under time constraint
- Technical skills: Swift, JSON, PHP, XAMPP

Microsoft Azure Machine Learning Challenge

2016

- Implemented basic machine learning with Azure on data sets from flight status, weather and more
- Created algorithm using Two-Class Boosted Decision Tree to predict 50% of flight outcomes
- Technical skills: Machine Learning, Azure

Events and Logistics Executive | Queen's Conference on Business and Technology

2014 - 2016

- Operated events and logistics for 150 delegates leading to budget surplus of over \$15,000

Projects

palmm.ca | Personal Webpage

2016

- Utilized web best practices in creating responsive personal webpage
- Designed site as personal brand, portfolio and resume which led to increased professional relationships
- Technical skills: HTML, CSS, JavaScript

punChef.com | Picture & Pun Generating Web App

2016

- Web widget developed to generate a picture of food and relevant pun which achieved ~450 page views
- Technical skills: HTML, CSS, JavaScript, jQuery