Palmer McCutcheon

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palmm.ca | github.com/palmm

Skills

Most experienced with: **Java**, **JavaScript**, **HTML**, **CSS**
Some experience with: **React, C**, **C++, Swift**, **VHDL**, **Assembly**, **MATLAB**
Other experience: **Agile Development, *nix, Git**, **Firebase, FPGAs**

Education

Queen's University, Canada | B.A.Sc. Computer Engineering   Expected April 2018
- Recipient of Queen's University Excellence Scholarship for outstanding academic performance
- Relevant courses: Data Structures, Algorithms, Operating Systems, 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

groundhogdAI.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: JavaScript, Azure, React, Express, Google Cloud Platform, Machine Learning

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, 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 on launch
- Technical skills: HTML, CSS, JavaScript, jQuery