Palmer McCutcheon

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A problem-solver, confident in leadership roles and passionate about learning.

Skills

Most experienced with: Java, HTML, CSS, JavaScript
Working knowledge of: C, Swift, VHDL, Assembly, MATLAB
Non-programming experience: Git, FPGAs

Education

Queen's University, Kingston | *B.A.Sc. Computer Engineering* 2014 - Present
- Term Dean's Honour List
- Recipient of Queen's University Excellence Scholarship

Experience

Queen's Conference on Business and Technology | *Executive* 2014 - 2016
- In charge of events and ran logistics for conference in the business and tech sector
- Networked and learned valuable insight into both business and technology

Code the Change | *St. John Ambulance Registration App* 2016
- Over the course of 9 hours, created iOS app for signup and payment for courses
- Swift iOS frontend that interfaces with PHP backend
- Skills: Swift, JSON, PHP and XAMPP

Microsoft Azure Machine Learning Challenge 2016
- Learned and practiced basic machine learning with Azure
- Created algorithm using Two-Class Boosted Decision Tree to predict flight status

Projects

palmm.ca | *Personal Webpage* 2016
- Learned web best practices by creating responsive personal webpage
- Design with HTML and CSS3 Flexbox
- Skills: HTML and CSS

punChef.com | *Picture & Pun Generating Static Web App* 2016
- Pet project to practice best practice JavaScript, CSS and HTML
- Learned JavaScript, image pre-loading and more advanced CSS
- Skills: HTML, CSS, JavaScript and jQuery

Autonomous Urban Search and Rescue System 2015
- Programmed fully automated model of urban search and rescue drone system
- Implements mathematically rigorous Flocking and Formation Dynamics
- MATLAB based model with GUI