

CAMERON DAVIES

Summary:

Junior Full Stack Software Developer with an interest in **Machine Learning and AI**.

I am looking for a challenging and rewarding software development position at your company. With experience in both Front and back end web development (**Bootstrap, Node, Javascript, SQL, MongoDB**) and Object Oriented development (**Python, Java, C++, C#**), I hope to use my skill set to build high quality full stack web applications while learning more about software development, Machine Learning, and AI.

Education:

University of Calgary

Sep 2015 - Apr 2020

- Bachelor of Computer Science, Conc in Software Engineering, minor in Philosophy
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Relevant Classes:

CPSC 471 Databases

- Studied conceptual, internal, and external databases. Developed a front and back end site using MongoDB, Node.JS, and Bootstrap.

CPSC 481 Human Computer Interactions

- Fundamental theory and practice of the design, implementation, and evaluation of HCI. Implementation of UI through prototyping, development, and methods of evaluation.

CPSC 331 Algorithm Design and Complexity

- Study of Algorithm Runtime and Complexity. Development of efficient solutions using Divide and conquer, Dynamic Programming methods, and Greedy Algorithms.
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Projects:

ARMv7 Flappy Bird

- Programmed the game 'Flappy Bird' on a bare-metal raspberry pi using ARMv7 and C/C++.

Information Kiosk

- Designed an information kiosk UI for newcomers to Calgary supporting accessibility, language barriers, as well as support for exporting information through printer or email. Written in C#

Apocalypse

- Created a chess-variant game called Apocalypse with a min/max AI to beat the user. With a 7-layer deep algorithm, the AI is unbeatable. Written in Python.

Medical Database

- Programmed a medical hospital database with a client for both staff and patients. Written with bootstrap, MongoDB, Node.JS, and vanilla javascript.

Experience:

Apple, Calgary - Technical Specialist

Nov 2017 - Present

- Partner with customers to diagnose, troubleshoot, and resolve any hardware or software issue.

Starbucks, Earls, Wendy's - Point of Sale

Jan 2012 - Dec 2017

- Starbucks from 2013 - 2017, Earls from 2014 - 2016, Wendy's 2012 - 2014, total of 9 years
- Through working while in school I have developed the following skills: communication, team management, working under stress, organization, focus, work ethic, and time management.