

THEODORE BROCKMAN

// Contact:
// (780) 655-6741
// tbrockma@ualberta.ca
// github.com/tbrockman

QUALIFICATIONS

- Languages: Python, Javascript, C, C++, Java, MIPS/x86 Assembly, MATLAB
- Frameworks: Express.js, AngularJS, Django, Flask, Caffe
- Strong proponent of Test Driven Development practices, with considerable work spent writing rigorous automated tests for both client-side and server-side Javascript applications
- Wealth of server-side experience developing in the Node.js ecosystem
- Familiar with application development for mobile platforms
- Extensive work with relational databases, involving the secure storage of sensitive user data

SKILLS

- Collaborates well on group projects
- Creates readable, performant, and maintainable code
- Constantly evolving skill-set, most recently completing several courses on machine learning
- Quickly learns new programming languages and frameworks
- Experience creating applications end-to-end, from designing the front-end to programming the back-end
- Able to write and speak French at a conversational level

AWARDS

- U. of A. Academic Excellence Scholarship
- Fac. of Arts Academic Excellence Scholarship
- Alexander Rutherford Scholarship

CURRENT PROJECTS

- Predict blood glucose of patients with Type 1 Diabetes using Probabilistic Graphical Models
- Interpret images musically using Convolutional Neural Networks

EDUCATION

B.Sc with Specialization, University of Alberta // Expected Graduation:
Computing Science // Winter 2017

WORK HISTORY

Junior Software Developer, Microquest // Jan. 2015 - Mar. 2016

Worked with a team of programmers and QA testers to create both client and server-side portions of a healthcare related web application, with the goal of improving the process of sharing patient information for physicians

//-----

Peer Sex Health Educator, Options Sexual Health // Summer 2011 & 2012

Created a mobile website for the organization, as well as traveled to music festivals around the province promoting sexual health awareness

//-----

Barista, Starbucks // April 2010 - Sept. 2010

Served coffee during peak hours, learned to maintain composure in a high-stress environment and work as a team in order to always provide excellent customer service

REFERENCES // TODO: AVAILABLE UPON REQUEST