THEODORE BROCKMAN

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// Website: https://tbrockman.github.io
// Github: github.com/tbrockman

QUALIFICATIONS

- Languages: Python, Javascript, C, C++, Java, MYSQL, MIPS/x86 Assembly, MATLAB, HTML/CSS
- Frameworks: Express.js, AngularJS, Django, Keras, Caffe, Flask
- 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 experience in server-side development (Node.js)
- Familiar with application development for mobile platforms
- Extensive work with relational databases, involving the secure storage of sensitive user data

SKILLS

- Creates reliaable, performant, and maintainable code
- Constantly evolving skill-set, most recently completing several courses on machine learning
- Collaborates well on group projects
- Quickly learns new programming languages and frameworks
- Experience creating applications end-to-end, as well as refactoring existing application codebases
- Can write and speak French at a conversational level

CURRENT PROJECTS

- Building a probabilistic graphical model to predict blood glucose of patients with Type 1 diabetes with the end goal of increasing patients ability to self-manage their condition
- Interpreting images musically using convolutional neural networks (mainly just to see what happens)

AWARDS

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

EDUCATION

B.Sc with Specialization, University of Alberta
Computing Science
// Most recent semester GPA: 4.0
// Expected Graduation: April 2018

INTERESTS

- Rockclimbing
- Videogames
- Music production // for people with generous // definitions of music

WORK HISTORY

Junior Software Developer, Microquest // Jan. 2015 - Mar. 2016
Worked with a team of ~9 people 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

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Peer Sex Health Educator, Options Sexual Health // Summer 2011 & 2012
Created a mobile website for the organization, as well as traveled to festivals around the province engaging attendees in fun trivia and activities to promote sexual health awareness

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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