

THEODORE BROCKMAN

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// Github: github.com/tbrockman
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QUALIFICATIONS

- Languages: Python, Javascript, C, C++, Java, MYSQL, HTML/CSS, MIPS/x86 Assembly, MATLAB, R
- Frameworks: Node.js, AngularJS, Django, Keras, Flask
- Strong proponent of Test Driven Development, with considerable work spent writing rigorous automated tests for both front-end and back-end applications
- Experienced in client-side and server-side development, including mobile platforms
- Extensive work with relational databases, including the secure storage of sensitive user data
- Breadth of knowledge, having taken university courses covering many computing science topics.

SKILLS

- Creates reliable, performant, and maintainable code
- Collaborates well on group projects
- Creative, with a love of problem-solving
- Aptitude for learning
- Quickly acclimates to new programming languages and frameworks
- Writes and speaks French at a conversational level

EDUCATION

B.Sc w/ Specialization, University of Alberta
Computing Science 2018

WORK HISTORY

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

Worked with a team of ~9 people to create a healthcare related web application, with the aim of facilitating the secure sharing of patient information between both clinics and physicians within Canada

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

OPEN SOURCE WORK

ReviewBoard

- Worked on re-designing the Git diff viewer for mobile devices and implemented a minor bug fix.

angular-logger

- Small PR adding the ability to dynamically disable/enable sending client logs to Logger

REFERENCES

// TODO: AVAILABLE UPON REQUEST

CURRENT PROJECTS

- Creating a software instrument played using eye movement to facilitate the artistic expression of those unable to do so by traditional means
- Building a recurrent neural network trained on audio samples to produce novel sounds for use in music production

AWARDS

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

INTERESTS

- Rockclimbing
- Videogames
- Music production