THEODORE
BROCKMAN

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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 client-side and server-side applications
- Experience in both client-side and server-side development
- Familiar with mobile software development
- Extensive work with relational databases, including the secure storage of sensitive user data

SKILLS

- Creates reliable, performant, and maintain-able code
- Collaborates well on group projects
- Creative
- Aptitude for learning
- Quickly acclimates to new programming languages and frameworks
- Writes and speaks French at (at least) a conversational level

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

EDUCATION

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

INTERESTS

- Rockclimbing
- Videogames
- Music production

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 activites 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-loggly-logger   - Small PR adding the ability to dynamically disable/enable sending
                           client logs to Loggly

REFERENCES

// TODO: AVAILABLE UPON REQUEST