

# THEODORE BROCKMAN

## QUALIFICATIONS

- **Languages:** Python, JavaScript, C, C++, Java, MySQL, HTML, CSS, MIPS/x86 Assembly, MATLAB, R
- **Frameworks:** Node.js, AngularJS, Django, React, Keras, Flask, Hadoop, Flink, OpenGL
- **Platforms:** AWS, GitHub, BitBucket, CircleCI, Heroku
- Experienced in client-side and server-side development, including mobile platforms
- Strong proponent of Test Driven Development, with considerable work spent writing rigorous automated tests for both front-end and back-end applications
- Breadth of knowledge, having worked on personal projects in various domains, including: audio, video games, web applications, machine learning, and more

## SKILLS

- Creative, with a love of problem-solving
- Collaborates well on group projects
- Creates reliable, performant, and maintainable code
- Strong aptitude for learning
- Tenacious when tracking down and fixing bugs
- Quickly acclimates to new programming languages and frameworks
- Bilingual (English and somewhat rusty French)

## CURRENT PROJECTS

- Creating a software instrument played using eye movement to facilitate the artistic expression of those unable to do so by traditional means
- A proximity-based jukebox application

## 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 Nov. 2018

## INTERESTS

- Rockclimbing
- Videogames
- Music production

## WORK HISTORY

Worked on a team of software developers and QA personnel 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

Created a mobile website for the organization, as well as traveled to festivals around Alberta engaging attendees in fun trivia and activities to promote sexual health awareness and education

# OPEN SOURCE WORK

## Review Board

- 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
```