THEODORE
BROCKMAN

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SKILLS

Languages: Python, JavaScript, Java, C, C++, SQL, HTML, CSS, MATLAB, R

Frameworks: Node.js, Django, React, AngularJS, Keras, Flink

Platforms: AWS, GitHub, BitBucket, CircleCI, Heroku

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EDUCATION

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

AWARDS

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

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WORK EXPERIENCE

Full-Stack Software Developer, Brockman Consulting // Nov. 2018 – Present
Software development contract work as an independent programmer, currently working on an automated job-dispatching application for an industrial and oil-field safety services company.

Junior Software Developer, Microquest // Jan. 2015 – Mar. 2016
Worked on a team of software developers and QA personnel to create a health care-related chat application, with the aim of facilitating the secure sharing of patient information between both clinics and physicians within Canada.

Web Designer & Peer Educator, Compass Centre // Summer 2011 & 2012
Created a mobile website for the organization, as well as traveled to festivals around Alberta engaging attendees in educational trivia and activities.

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PROJECTS

turnip (closed beta)
A proximity-based jukebox application. Integrates with Spotify and uses the Android Connections API to establish connections between nearby clients and servers (jukeboxes).

Syntheseyezer (on hold)
Software synthesizer played using eye movement, intended for use by those with difficulty playing traditional instruments.

Artificial Synesthesia Network (Feb. 2017)
Fine-tuned a pre-trained convolutional neural network (InceptionV3) to classify images as arrays of MIDI notes, using hand-crafted training data.

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OPEN SOURCE

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.