THEODORE
B R O C K M A N

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SKILLS

Languages: ["Python", "C#", "Javascript/Typescript", "Java", "Groovy",
           "C", "C++", "HTML/CSS"]

Back-ends: ["Node.js", ".NET", "Django", "FastAPI", "Flask"]

Front-ends: ["React", "Android", "Angular"]

DevOps: ["Spinnaker", "AWS", "Jenkins", "Docker", "Kubernetes"]

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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

Software Engineer/Project Lead, Earnin // March 2019 - Present
Created an in-house Python tool for automated monitoring and deployment of our
legacy C# applications. Then deployed and configured a Spinnaker cluster,
modernizing and consolidating our deployment pipelines. Audited and improved
legacy testing/dev/production environment infrastructure. Currently leading
efforts to improve our PII storage and retrieval processes.

Full-Stack Software Developer, Brockman Consulting // Nov. 2018 - March 2019
Contract software development work as an independent programmer, built 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 - turniapp.com
A proximity-based jukebox application for mobile devices. Integrates with
Spotify and uses the Android Connections API to establish connections
between nearby clients (patrons) and servers (jukeboxes).

auxb0x - https://auxb0x.com?api=ax8G2Du7z38r5InOvvu9661kj4XgyCfz8cZSBOHT
A private website dedicated to playing my Soundcloud reposts and likes,
created solely because Soundclouds shuffle function only shuffles through
the first page of loaded songs.

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.