Brian Pho

CONTACT
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PORTFOLIO
- brianpho.com
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- github.com/Brian-Pho

SKILLS
Languages
- Python
- JavaScript
- Java
- C#
- C/C++
- Bash

Technologies
- Git/SVN
- Windows/MacOS/Linux
- Keras/TensorFlow
- React/Node.js
- Atlassian Suite
- JetBrains IDEs

AWARDS
- PURE (2019)
- NSERC USRA (2019)
- Del Henderson (2017)
- Horatio Alger (2015)

INTERESTS
- Artificial Intelligence
- Neuroscience
- Swimming
- Reading

EDUCATION
BSc in Software Engineering, University of Calgary
Sep 2015 – Apr 2020 · 5 years · Calgary, AB
- Cumulative GPA: 3.6 / 4.0

EXPERIENCE
Summer Student Researcher, University of Calgary
May 2019 – Aug 2019 · 4 months · Calgary, AB
- Created a machine learning program to detect a set of seven basic emotions in speech achieving an accuracy of 57%
- Designed a data pipeline from scratch to clean, process, and store audio data that fed into the ML program for training, validation, and testing
- Mentored a high school student with tasks to develop parts of the program and provided feedback on their code to improve their programming

Software Developer Intern, Pason
May 2018 – Apr 2019 · 1 year · Calgary, AB
- Developed industry-leading software to diagnose and fix issues on over a thousand oil and gas drilling rigs
- Participated in all aspects of the development process such as requirements gathering, design, implementation, code reviews, and testing
- Communicated potential issues to the team to facilitate discussion and to ensure its visibility

PROJECTS
Foodee, Final Year Capstone Project
Sep 2019 – Apr 2020 · 8 months · Calgary, AB
- Collaborated with five software engineers to build a restaurant-analytics platform that aggregates and analyzes data to provide insights
- Programmed a server to retrieve traffic and commodity data from various APIs demonstrating coordination and flexibility to work with others
- Investigated the application of machine learning to optimize restaurant operations by applying techniques and models from data science

Real-Time Chat Application, github.com/Brian-Pho/Chat-App
Feb 2020 · 1 month · Calgary, AB
- Built a real-time chat application from scratch to learn web technologies such as React, Bootstrap, socket.io, and Node.js
- Engineered the client-server communication demonstrating the ability to handle complexity and to think abstractly