

NEWTON TRAN

Toronto, ON | newtontran@outlook.com | (647) 993-1280 | linkedin.com/in/newtontran | newtontran.com

TECHNICAL SUMMARY

- Java, Javascript, C, C++, Python, Scheme, Bash, R
- Tensorflow, Node.js, React-Native, Jenkins, Docker, AWS, Firebase, Codeship

WORK EXPERIENCE

Machine Learning Developer Intern

Sensibill Inc, Toronto ON, Sept 2017 – Dec 2017

- Collaborated with industry experts to migrate machine learning pipeline from Torch to Tensorflow
- Designed and implemented new training, testing, and production processes
- Trained LSTM models to extract key information from character sequences
- Experimented with neural network structures and **improved classification model accuracy by 6.8%**
- Developed metrics to measure end to end performance of various machine learning applications

QA Automation Developer Intern

Sensibill Inc, Toronto ON, Jan 2017 – Apr 2017

- Worked with cross-platform teams to automate testing processes
- Created a pipeline that periodically triggers tests to catch bugs as they are introduced
- Designed and implemented end to end tests on both iOS and Android platforms, which sent reports and screenshots to relevant development teams
- Developed automated test and **caught a critical bug** shortly before shipment, enabling a hot-fix prior to the deadline

Teaching Assistant for Calculus 1

University of Waterloo, Sept 2016 – Dec 2016

- Graded high volumes of course work on a weekly basis
- Communicated concise solutions to complex problems through written feedback

PROJECTS

MockBase | devpost.com/software/mockbase

Hack the North, 2017

- Built with React-Native, Firebase, and Coinbase API
- Simulated cryptocurrency game that allows users to practice trading risk-free
- Fetches real time price data for Bitcoin, Ethereum and Litecoin

GoFindMe | devpost.com/software/gofindme

WearHacks Kitchener-Waterloo, 2017

- Built with Estimote, Node.js, Mongo, and Java
- Report lost items attached to Estimote beacons and set rewards for successful recovery of said items
- Users will be notified if they are within range of a lost item and can contact the owner for rewards

EDUCATION

Candidate for **Bachelor of Computer Science** at **University of Waterloo**

Class of 2019

- “Excellent” academic standing, cumulative average above 80%