

Tyler Adams

2B Computer Engineering | www.dare.io | www.github.com/tjadams
tjadams@uwaterloo.ca | Waterloo, ON

SKILLS & PROJECTS

Proficient: Java

Familiar: C++, Objective-C, C#, Android, Node.js, ARM assembly, MATLAB, Agile paradigm, TDD

Projects: Robot arm with Arduino, Online video game server with Node.js, “Produce” Android app

WORK EXPERIENCE

Software Engineering Co-op

Kitchener, ON

Thalmic Labs

January 2015 – April 2015

- Created a multi-platform transparent overlay for Mac and Windows that is full screen, always on the top view of the screen, does not interfere with the user’s ability to click or type, and can have images drawn on top of it
- Developed and implemented analytics tools using C++ and Objective-C in a new software product which can be viewed at <http://presentationsblog.myo.com/meet-myo-for-presentations/>
- Prototyped several Lua scripts to control presentation apps with Myo
- Key contributor to weekly releases while on a team of 5 engineers at a Y Combinator backed startup

Mobile Developer Intern

Toronto, ON

Rogers Communications

May 2014 – August 2014

- In under a week, independently built the first Rogers Google Glass prototypes including a Sportsnet app where users can lookup scores, watch video and listen to Sportsnet radio
- Upgraded all 20 radio and news Android apps with an audio player that supports HLS streams

CONTESTS & HACKATHONS

Hack Western

London, ON

“Filespace” web app with Java server <http://git.io/vk6I9>

March 2015

- Got infinite storage in Dropbox by creating an algorithm that connects loopholes in their APIs
- Unified Dropbox and Google Drive into one user interface and combined their storage space to achieve infinite online storage in an additional way

McHacks

Montreal, QC

“babystep.me” Android app with Firebase <http://git.io/vk6kS>

February 2015

- Broadened user’s comfort zones over time with the help of algorithms that also improve over time

Hack Princeton

Princeton, NJ

“Tweets Against Humanity” web app with Node.js

April 2015

- Created a web app that searched for tweets containing key words using a Twitter API

Google Code Jam

Princeton, NJ

Coding contest

April 2015

- Competed in qualification round during Hack Princeton to solve challenges with algorithms

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Applied Science – Computer Engineering

Expected June 2018

- **Cumulative average:** 80%