Tyler Adams

2B Computer Engineering | www.dare.io | www.github.com/tjadams
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SKILLS

Java, C++, C#, C, Objective-C, Lua, SQL, Android, Node.js, ARM, MATLAB, Agile paradigm, TDD

WORK EXPERIENCE

Software Engineering Co-op   **Kitchener, ON**
Thalmic Labs   January 2015 – April 2015
- Created a multi-platform transparent overlay that does not interfere with user input. This overlay was the foundation for a new software product called "Myo for Presentations"
- Developed and implemented tools that collect usage data using JSON, C++ and Objective-C
- Prototyped multiple 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
- http://presentationsblog.myo.com/meet-myo-for-presentations/

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 videos and listen to Sportsnet radio
- Upgraded all 20 radio and news Android apps with an audio player that supports HLS streams

HACKATHONS

Hack Western   **London, ON**
"Filespace" web app with Java server http://git.io/vk6I9   March 2015
- Coded algorithms that utilized API loopholes in Dropbox to obtain infinite storage space
- 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
- Raised users' confidence through a self-improvement planner created with algorithms

More info can be found here: http://ca.linkedin.com/pub/tyler-adams/85/544/a55

PROJECTS

Robotic Arm   **C, Arduino**
Developed algorithms to mirror a human arm by using servos http://git.io/vInk0   March 2015

Dedicated Online Server   **Node.js, SQL**
Coded a login server to emulate a discontinued computer game http://git.io/vInk7   June - August 2014

"Produce" Android App   **Java, Android**
Wrote an app that listens for the activities of other Android apps https://goo.gl/rbNhvc   January 2014

Sample code can be found here: https://github.com/tjadams/coding-problems