

# Tyler Adams

2B Computer Engineering | [www.dare.io](http://www.dare.io) | [www.github.com/tjadams](http://www.github.com/tjadams)  
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## SKILLS

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

## WORK EXPERIENCE

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### 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

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### 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

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### 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>