Tyler Adams

Second year student in Computer Engineering | http://dare.io | https://github.com/tjadams
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WORK EXPERIENCE

Software Engineering Intern   **Virtual Power Systems**   **September 2015 - Present**
Santa Clara, CA
- Key contributor to a software solution that works with hardware to intelligently allocate power to data centers. Some results yielded an increase in utilization of power by 2x
- Wrote bash scripts that remotely updated mission-critical software while that software was deployed
- Coded a Scala application that simulates a datacenter using the actor model to represent components and provide high performance, concurrency, and distribution

Software Engineering Co-op   **Thalmic Labs**   **January 2015 – April 2015**
Kitchener, ON
- 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"

Mobile Developer Intern   **Rogers Communications**   **May 2014 – August 2014**
Toronto, ON
- Built the first Rogers Google Glass prototypes including a Sportsnet app where users can lookup scores, watch videos and listen to Sportsnet radio

EDUCATION

Waterloo, ON   **University of Waterloo**   **Graduating in June 2018**
BASc in Computer Engineering with a 3.50 GPA
Selected courses: Data Structures & Algorithms, Operating Systems, Embedded Systems

PROJECTS

Regular attendee of collegiate Hackathons, including Hack the North 2015 and 2014, Hack the Planet, McHacks 2015, Hack Western 2015, and Hack Princeton 2015.

AIsteroids – http://j.mp/1MscHMH   **Hack the Planet**   **August 2015**
- Developed an artificial intelligence for the classic game Asteroids that trains with machine learning and user-submitted AI algorithms

BabySteps - http://git.io/vk6kS   **McHacks**   **February 2015**
- Wrote an Android app that acts as a self-improvement planner to raise users' confidence
- Created an algorithm to broaden a user's comfort zone based on what activities a user would be willing to participate in

Coding-Problems - http://git.io/vInts   **November 2015 - Present**
- Developing coding ability by improving knowledge of data structures and algorithms

SKILLS

Programming: Java, C++, Node.js, Bash, Scala, Akka, C, Python, ARM assembly
Development methods: Agile development, Test-driven development
Tools: Git, Terminal, Docker, Atom, IntelliJ, Google Compute Engine