

JOSHUA LIU

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EDUCATION

University of Waterloo
Bachelor of Computer Science
Overall GPA: 3.98

September 2016 - June 2020 (expected)
Waterloo, ON, Canada

EXPERIENCE

Slash Keyboard
Software Engineering Intern

May 2015 - July 2015
New York City

- Joined early stage startup to create keyboard used to share information
- Implemented prototype versions of UI in Swift and Objective-C
- Optimized memory usage of keyboard and improved keyboard load speeds

PROJECTS

Reppin - joshualiu.me/reppin
HackBCA 2016

April 2016

- Reppin is an iOS Application that uses computer vision to count repetitions of various exercises, such as push-ups or squats.
- Won 3rd Place Overall at HackBCA 2016.

Smith - joshualiu.me/smith
HackBCA 2015

March 2015

- Smith is an iOS Application that lets users control their iPhones by knocking on the surface that the iPhone is resting on.
- Users can record a pattern of knocks and set an action (such as playing/pausing music) to that pattern. Afterwards, any time a user knocks that pattern, Smith detects that pattern and executes the action.
- Won 2nd Place Overall at HackBCA 2015.

Clayr - joshualiu.me/clayr
PennApps Fall 2014

September 2014

- Clayr is an Android/iOS/Web Application that clarifies (often cryptic) medical reports using OCR, allowing patients to simply take a picture of their medical report to receive explanations on what it means.
- Won the Microsoft Sponsor Award at PennApps Fall 2014.

MISC.

Hackathon Awards

2nd Place at HackBCA 2015
3rd Place at HackBCA 2016
Best Mobile Application at HackBCA 2016
Best Google Glass Hack at MHacks Winter 2015
Microsoft Sponsor Award at PennApps Fall 2014
SendGrid Sponsor Award at HackRU Fall 2014
New Brunswick Civic Award at HackRU Spring 2015

Languages Tools

Swift, Objective-C, Ruby, Python, Go, Javascript
Git, Vim, Xcode