

# Neville Jos

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## SKILLS

- AngularJS
- AWS
  - EC2
  - Beanstalk
  - RDS
  - ElastiCache
  - S3
  - DynamoDB
  - Route53
- C/C++
- Cordova/PhoneGap
- Firebase/GolInstant
- Git/Mercurial
- HTML/CSS/JS
- Java
- NoSQL -  
MongoDB/CouchDB
- Neo4J
- NodeJS - Express
- SQL - MySQL/Postgres
- OCaml
- PHP - Zend/Yii
- Python - Flask/Django
- Redis/Memcache
- Ruby - Rails/Sinatra

## HOBBIES

- Tennis
- Cooking and Eating
- Fingerstyle Guitar
- Aggressive  
Rollerblading
- Avid Traveller
- Reading (Mostly  
non-fiction  
philosophical works)

## SUMMARY

A self-driven student with an entrepreneurial spirit who specializes in web development, hardware hacking and building startups.

## EDUCATION

**Computer Science Major & Physics Minor - University of Illinois**  
Champaign, IL - 2013 till 2016

## EXPERIENCE

### **Lead Backend Engineer - RISE**

RoR/Node/MongoDB - Champaign, IL - May 2014 to Present

### **Software Engineer - Rithmio Inc.**

Emscripten/Tizen - Chicago, IL - Sep 2014 to Present

### **Software Engineer - Options Away**

PHP/NodeJS/AngularJS/MySQL - Chicago, IL - Apr 2014 to Sep 2014

### **Assistant Web Developer - Illinois State Water Survey**

ASP/ASP.NET/SQL/JQuery - Champaign, IL - Aug 2013 to May 2014

### **Programming Intern - Blue Waters Supercomputer Lab**

HTML/CSS/JS/Cordova - Champaign, IL - Sep 2013 to May 2014

### **Programming Intern - Lattice Instruments**

C++/ArduinoC - Richmond, VA - Jun 2012 to Aug 2012

## TOP 5 PROJECTS

### **JustRead**

An Android app that when mounted on a 50¢ scanner can be used independently by the blind to read any physical document.

### **SignLang**

A sign language interpreter that used a Leap Motion Controller and a Thalmic Labs Myo to detect gestures made by your hand and convert it to sign language.

### **DeBitCoin**

Debit coin turns any existing debit card into a bitcoin wallet by first letting you pay using your debit card at stores and then be reimbursed with your bitcoin.

### **PoyntMi**

PoyntMi is a native desktop app that allowed users to point at appliances around their house and control them. It was built with the help of the Thalmic Labs Myo.

### **Personalidades**

Personalidades (I apologize for the name, I still can't pronounce it right) is a web app that evaluates one's personality by tapping into one's music collection.

## AWARDS

**Grand Educational Track Prize Winner - HackDuke**

**Uber Prize, Hills Holiday Prize & GE+Quirky Prize - HackMIT**

**Leap Motion Prize & Winner - HackTheNorth**

**Rackspace Prize, BookHolder Prize & Finalist - VTHacks**

**2<sup>nd</sup> Place - Campus 1871 Startup Competition**

**EightySix Labs API Prize - McHacks**

**3<sup>rd</sup> Place - 54.io Startup Competition**