

Nick Morgan

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EDUCATION

University of Michigan College of Engineering - May 2016

Ann Arbor, MI

Computer Science Engineering, BSE

Minor in Spanish Language

EMPLOYMENT HISTORY

Quicken Loans, Detroit, MI

May 2014 - August 2014

Software Engineering Intern

- Implemented interface that allows non-technical and dynamic creation of new website landing pages
- Developed PHP middle layer to enable browser communication with mortgage calculator API
- Created barebones website to test mortgage refinance calculator

Yottabyte LLC, West Bloomfield, MI

May 2013 - August 2013

Quality Assurance Intern

- Tested web U.I. and diagnosed problems relating to everyday functionality
- Performed early stage testing on upcoming virtualization and cloud computing platform

PROJECT EXPERIENCE

Bluebird

August 2014 - Present

- Web application that finds a Twitter user's non-mutual friends and followers
- Exposes Twitter API for friends and followers with Node.js backend running on Heroku
- Handles responses from API on frontend to look up unique friends and followers and display to user
- Accepts individual usernames and dynamically displays non-mutual connections in custom UI

Cocktail

January 2014 - Present

- Android application that recommends a beverage for a user based on ingredients that the user owns
- Pulls JSON information regarding drinks and ingredients from MongoDB database
- Designed and developed user interface and integrated HTTP requests to communicate with database

COMPUTER SKILLS

Languages: C/C++, PHP, Javascript, Java, Bash, Verilog HDL

Software: Proficient with Linux and Git, Experience with Quartus, Eclipse, and IntelliJ Android Studio

OTHER

ThinkChicago: Lollapalooza 2014 Alumni

College of Engineering Dean's List, Fall 2012

University Honors, Fall 2012

University of Michigan Regents Merit Scholarship

MHacks Sponsorship Team

University of Michigan Ski Team, Snowboard Team Captain

Spanish - Limited Working Proficiency