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 - Present
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

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

DatFacts   September 2013
- Web application that uses SMS to send random facts about a given topic
- PHP based system scrapes Wikipedia for facts and utilizes Twilio to send SMS messages
- Implemented web scraping service and set up Amazon Web Services host server

COMPUTER SKILLS

Languages: C/C++, PHP, Javascript, Java, Bash, Verilog HDL
Operating Systems: Comfortable using Linux, Mac OS X, and Windows
Applications: Proficient with Git, Experience with Quartus, Eclipse, and IntelliJ Android Studio

OTHER

Spanish - Limited Working Proficiency

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