Nick Morgan

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EDUCATION

University of Michigan College of Engineering, Ann Arbor, MI   September 2012 - May 2016
Computer Science Engineering, BSE
Minor in Spanish Language

EMPLOYMENT HISTORY

Palantir Technologies, Palo Alto, CA   May 2015 - August 2015
Forward Deployed Software Engineering Intern
- Developed product allowing communication between instances of Palantir software in disconnected environments
- Exposed administrative information to user-facing application that manages active deployments
- Participated in redesign and reimplementation of disconnected data distribution pipeline

Quicken Loans, Detroit, MI   May 2014 - August 2014
Software Engineering Intern
- Implemented interface that allows non-technical and dynamic publishing of new website landing pages
- Created PHP middle-layer to enable browser communication with proprietary mortgage calculator API
- Deployed full-stack internal websites to enable team-wide testing of various mortgage refinance calculators

Yottabyte LLC, West Bloomfield, MI   May 2013 - August 2013
Quality Engineering Intern
- Tested storage system web UI and diagnosed problems relating to everyday functionality
- Performed system wide testing on alpha stage virtualization and cloud computing platform

PROJECT EXPERIENCE

Spool
- Provides a modular and lightweight library of string manipulation functions for C++
- Implements much of the greater string functionality found in languages like Java and Python
- Delivers a consistent set of functions to be easily referenced in any new C++ project

Bluebird
- Finds a Twitter user's non-mutual friends and followers from a simple web application
- Wraps Twitter API for friends and followers through a Node.js back-end running on Heroku
- Handles API responses on front-end to reveal unique friends and followers to user
- Accepts individual usernames and dynamically displays non-mutual connections in custom UI

COMPUTER SKILLS

Languages: C/C++, Python, Java, Javascript, PHP, Bash
Software: Proficient with Linux and Git, Experience with Eclipse and IntelliJ

OTHER

ThinkChicago: Lollapalooza 2014 Alumni
MHacks IV Sponsorship Team
Spanish Language - Limited Working Proficiency