Arun Massand

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GitHub: https://github.com/arunmassand
Website: arunmassand.me

Education

University of Michigan, Ann Arbor, MI
August 2017 - PRESENT
B.S. Computer Science, Minor in Applied Statistics, GPA: 3.4
Coursework:
- Up to and including Data Structures and Algorithms, Computer Organization, Discrete Math, Foundations of Computer Programming, Calculus 1 and 2
- Introduction to Statistical Methods, Introduction to Statistical Computing

Bronx High School of Science, Bronx, NY
September 2013 - June 2017
NYS Regents Diploma with Honors, AP Scholar
Captain of Varsity Soccer

Experience

Mission Throttle, Southfield, MI
Software Development Intern - Multidisciplinary Design Program
January 2019 - PRESENT
- Selected to team that is contributing to an an open-source survey platform, LimeSurvey.
- Plugin will allow administrators or organizations to send surveys via text through an interactive and user-friendly scheduling calendar.
- This plugin integrates the Twilio platform with Limesurvey.
- Also implementing usability fixes to Limesurvey's existing UI and making pull requests for the fixes.
- Employing Agile application development process.
- Backend development team; will develop plugin and put through full range of integration and stress testing.

AllianceBernstein, New York City
Software Development Intern
June 2019 - September 2019
- Worked with frontend development team to build a firm-wide Design System to empower the firm internationally to create and build web-apps that follow brand guidelines.
- Used React, Node.js, Git Bash, and Jira.

Marketing & Digital Development Consultant
May 2018 - October 2018
- Consulted on design, website navigation, and social media based on research and competitive analyses to grow brand awareness

AIESEC, Ann Arbor, MI
Summer IT Director
May 2019 - August 2019
- Worked in the US HQ of one of the largest youth-led international nonprofits.
- Added new features to website as well as maintaining existing pages.
- Innovated strategies and technologies to make business processes more efficient.

Vice President of Talent Management and Performance Analytics
January 2019 - PRESENT
- Member of executive board.
- Head organizer of highly competitive recruitment process of over 50 applicants.
- Create elaborate trackers using VBA that work in unison to the measure performance of 40+ members.
- Used compiled data to drive innovative strategies and new business practices.

Projects

Limesurvey Plugin
- Open-source plugin that integrates the Twilio service to allow users to schedule and send surveys via text. The plugin includes a simple UI and is user-friendly.
- Php, HTML, CSS, Yii Framework

Maya Wine Merchants Website
- Wire-framed, designed, and developed multi-page website with animations and intuitive social media sharing capabilities. Integrated other API's to enhance website capabilities.
- HTML5/CSS, Javascript

Piazza ML
- Built program that used machine learning to categorize posts on an online forum based on key words.
- C++

Cache Simulator
- Built program that simulated a CPU cache. As the processor simulator executes an assembly-language program, it accesses instructions and data. These accesses are serviced by the cache, which transfers data to/from memory as needed.
- C

SQL
- Built functioning database that takes SQL commands.
- C++

Languages and Skills
- C++, C, SQL, HTML5, CSS, Javascript, jQuery, React.js, Python, R, Tidyverse
- MS Office Suite, Google Drive, SketchApp
- Agile

Activities
- Pi Kappa Phi Fraternity, Mental Health Chair

Charity

Khusi Hona, 2016
Fundraised to travel and help fund micro projects in India. Worked other organizations through educational aid, technology, and shelter projects.