

# Arun Massand

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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 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

### 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, jQuery

### 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, Php, Javascript, jQuery, React, Python, R, Tidyverse
- MS Office Suite, Google Drive, SketchApp, Git, Node.js
- Agile, Jira, Trello

## Activities

- Pi Kappa Phi Fraternity, Mental Health Chair

## Charity

### Khushi Hona, 2016

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