

Arun Massand

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Education

University of Michigan, Ann Arbor, MI

August 2017 - Present (Expected Graduation April 2021)

B.S. Computer Science, Minor in Applied Statistics, GPA: 3.4

Coursework: Data Structures and Algorithms, Computer Organization, Discrete Math, Foundations of Computer Programming, Database Mgmt Systems, Intro to Computer Security, Web Systems, Intro to Statistical Methods, Intro 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

Relevant Experience

Healthfirst, New York, NY

Software Engineer Intern - Customer Digital Experience Program

June 2020 - August 2020

- Worked in an Agile team for the Customer Digital Experience program. We utilized a human-centered design approach to innovate digital solutions to assist business operations during the COVID pandemic and beyond.
- Contributed to the ideation, design, and development of an internally-used iOS application that will be put into production and improve the experience of millions of customers.
- Delivered new functionality in two week sprints and presented to the executive leadership team.

Tools: Swift, React.js, Node.js, Twilio, SendGrid, Postman, Figma, GitHub

Mission Throttle, Ann Arbor, MI

Software Engineer Intern - Multidisciplinary Design Program

January 2019 - January 2020

- Worked in an Agile design team that developed and published a plugin that allows for SMS distribution through an intuitive interface when using the open-source software, Limesurvey.
- Utilized a human-centered design (HCD) framework in designing and developing the plugin.

Tools: PHP, Javascript, Twilio, GitHub, Figma, Trello

AllianceBernstein, New York City

Frontend Development Intern

June 2019 - September 2019

- Worked in digital development team to build firm-wide Design System that empowers employees to create and build web-apps that follow brand guidelines in an easy way.
- Contributed by writing reusable code snippets for various components, and building pages of the design system itself.

Tools: React, Node.js, Git Bash, Azure, Jira

AIESEC, Ann Arbor, MI

Vice President of Talent Management and Performance Analytics

January 2019 - December 2019

- Developed and published an elaborate tracking tools that measures the KPIs and goal achievement of the 40+ members within organization; these tools were later used on a national scale.
- Analyzed data to innovate strategies and drive new business practices that helped increased the efficiency of the organization by over 100%.
- Head organizer of highly competitive recruitment process of over 50 applicants.

Tools: Excel, GSuite, Survey Monkey

Skills

LANGUAGES

- C++, C, SQL, Python, Java, Swift, HTML5, CSS, Javascript, R

FRAMEWORKS & LIBRARIES

- jQuery, React.js, Node.js, Pandas, Tidyverse, UIKit, SwiftUI

TOOLS & OTHER

- Postman, Twilio, SendGrid, Git, GitHub, Jira, Trello, SketchApp, Figma

Projects

Limesurvey Plugin

- Open-source plugin that uses the Twilio SMS API to allow users to intuitively send surveys via text.
- Php, Javascript, Twilio

Maya Wine Merchants Website

- Wire-framed, designed, and developed multi-page website with animations and intuitive social media sharing capabilities.
- HTML5/CSS, jQuery

Piazza ML

- Program that uses machine learning algorithm to categorize posts on an online forum based on key words.
- C++

SQL

- Program that emulates a basic relational database with an interface based on a subset of SQL.
- The supported operations were CREATE, INSERT, DELETE, JOIN, PRINT, REMOVE
- C++

Hobbies

- Soccer, Running, Reading, East Coast Rap