# Haram Yang

33 Beech St, Little Ferry, NJ 07643

haryan@umich.edu • (201) 994-8621

## Education

**University of Michigan**                                                        **September 2016 - April 2020**

*Bachelor of Science in Engineering in Computer Science (3.3 GPA)*                                    *Ann Arbor, MI*

**Relevant Coursework**: Web Systems (EECS 485) · Database Management Systems (EECS 484) · Introduction to Computer Security (EECS 388) · Foundations of Computer Science (EECS 376) · Data Structures and Algorithms (EECS 281) · Introduction to Computer Organization (EECS 370) · Discrete Math (EECS 203) · Linear Algebra (MATH 214)

## Work Experience

**Information and Technology Services (University of Michigan)**              **May 2018 - August 2018**

*Quality Assurance Engineer*                                                                    *Ann Arbor, MI*

- Assist in the development, build, and test of MiWorkspace technology infrastructure
- Worked with Mac and Windows developers to test, package, and deploy software programs for MiWorkspace environment
- Develop test data and test routines and document program

## Project Experience

*Stock Simulation*

- Designed a program to simulate an electronic stock market exchange and became more proficient in object-oriented programming
- Used the streaming algorithm, priority-queues, functors/comparators, and the Standard Library

*Client/Server Side Dynamic Website (Instagram)*

- Built a client application in JavaScript using React and asynchronous programming that makes AJAX calls to the REST API
- Implemented a python program that renders jinja2 templated HTML files and queries data from database using sqlite3

*Schedule Difficulty Calculator (Personal Project)*

- Developing a program that calculates the difficulty of a student's semester schedule focusing on the user's affinity to a different user's academic history, personal interest, major, and personal profile
- Gained experience in implementing a website using HTML, CSS, and Javascript

## Skills / Strengths

**Technical**: C++, Python, HTML, CSS, Javascript, ReactJs, Jinja2, Flask, Oracle, Sqlite3, SQL*PLUS, Git, Object-Oriented Programming

**Technologies/Environments**: Mac OS, Linux OS, Windows, Xcode, Sublime

**Language**: Full fluency in Korean - Reading, Writing, Speaking

## Additional

- Avid follower of soccer, basketball, and track and field. Competed in the New Balance National Outdoors for track and field and was an All-state selection for soccer for the state of New Jersey
- Praise team for Living Grace Ministry (guitar, bass)