

Yumi Kim

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EDUCATION

University of Michigan

Bachelor of Science in Computer Science

Ann Arbor, MI

Sep. 2018 – April 2022

Relevant Coursework: Data Structures and Algorithms, User Interface Development, Human-Centered Software Design and Development, Web Systems, Computer Organization, Theory of Computation

TECHNICAL SKILLS

Languages: C/C++, Python, SQL, JavaScript, HTML/CSS, R, Matlab

Frameworks: React, Node.js, Flask, Material-UI, Vue.js, Firebase, MongoDB

Developer Tools: Git, Google Cloud Platform, VS Code, XCode, PyCharm

EXPERIENCE

Incoming Software Engineer Intern

Target Corporation

June 2021 – Aug. 2021

Minneapolis, MN

Undergraduate Research Assistant

University of Michigan School of Information

Mar. 2021 – Present

Ann Arbor, MI

- Studied the correlation between natural language processing and behavior
- Conducted thorough literature reviews focusing on deeply analyzing the level of uncertainty in science communication

Undergraduate Research Assistant

University of Michigan School of Kinesiology

Sep. 2018 – May 2019

Ann Arbor, MI

- Conducted research studying the effects of physical activity on the mental health of college students
- Analyzed data collected from over 300 participants using Microsoft Excel and SPSS version 24
- Refined teamwork skills by balancing tasks with colleagues to maintain an efficient work environment

PROJECTS

QuaranTeen | *JavaScript, HTML/CSS, Vue.js, Firebase*

Mar. 2021 – Apr. 2021

- Developed a full-stack social media web application using Vue.js
- Implemented Firebase OAuth to get data from user's repositories

Pill Planner | *JavaScript, HTML/CSS, MongoDB, React, Material-UI*

Jan. 2021 – Apr. 2021

- Developed a full-stack web application that allows for efficient medication tracking using Flask serving a REST API with React and Material-UI for the frontend
- Implemented Google OAuth to get data from user's Google accounts
- Application walk-through available here:

Stock Market Simulator | *C++*

Jan. 2020 – Feb. 2020

- Created a stock market emulator program using priority queues to automatically match buyers and sellers based on their desired buy/sell price of the given stock to maximize profit for both parties

ACTIVITIES

Freshman Representative | *Korean-American Scientists and Engineers Association*

Sep 2018 – May 2019

- Co-ran social media platforms by creating content to engage and reach further participation that receive over 1,100 impressions each week
- Wrote and sent weekly emails that reached over 300 members, informing them of upcoming events and opportunities