



Andrew Kim

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WORK EXPERIENCE

Harman International

May 2019 – Aug 2019

Software Developer Intern

Novi, MI

- Designed scripts for Harman's connected car infotainment system through Python, C# and Java.
- Crafted and implemented agile test suites that automates actions such as keyboard presses, bluetooth connectivity, and more that is being used by all international Harman automation teams.

MHacks Core Team

Jan 2019 – Present

Sponsorship Coordinator

Ann Arbor, MI

- Collaborated with peers to run the largest student hackathon in the nation.
- Leveraged industry knowledge to solidify high caliber business partnerships with top tech companies.
- Supported the team by applying website building skills and graphic design background.

PROJECTS

Plopper – for MHacks 2018

Fall 2018 - Present

- Designed a crowd-sourced review forum that allows users to intuitively rate and review nearby bathrooms
- Worked with Google Maps API, Javascript, and HTML/CSS to make a website that shows user's location

Silly Query Language

Fall 2018

- Created a relational database using structs and maps to quickly edit, insert, update and modify data in C++
- Implemented a custom structured query language that allows for data manipulation by using hashing and BSTs

Machine Learning

Spring 2018

- Coded a program that identifies the subject of posts from an online forum by using machine learning basics
- Employed binary trees, templates, and map data structures in C++ to write a program that learns from previous posts to identify and categorize new posts

Budgeting Sheet

Summer 2018

- Developed a user-friendly budgeting sheet that allows easy log in and interpreting of short term spending habits
- Utilized Python dictionaries and file writing/editing to efficiently access and edit spending information

Portfolio Website

Spring 2019 - Present

- Constructing a personal portfolio that showcases personal projects as well as other interdisciplinary interests.
- Currently updating through HTML and CSS to practice front-end programming.

EDUCATION

University of Michigan, Ann Arbor

April, 2021

Bachelor of Science in Computer Science, minor in Music

Ann Arbor, MI

- College of Engineering, School of Literature, Science, and the Arts. 3.536/4.0 GPA
- Yonsei Study Abroad Program in Seoul, South Korea
- Relevant Coursework: Data Structures and Algorithms, Computer Organization, Web Systems

Summer 2018

SKILLS

- **Proficient:** C++/C, Automation, Adobe Illustrator, Latex
- **Familiar With:** Python, HTML, CSS, Javascript, Java, R Commander
- **Other:** FL Studio, Audio Mixing and Mastering, Fluent in Korean, Procreate

INTERESTS AND ACTIVITIES

- **The Project/Daebak 3:** Collaborate with international teams and cross-campus groups for dance performances
- **Seoul Juice – President:** Produce and perform music with a group for cultural events and music festivals
- **Audio Engineering Society:** Compete in music producing contests and collaborate with campus musicians.