

Sangheon Ethan Lee

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ethlee.tk | github.com/shlee2017

Education

University of Michigan,
Ann Arbor

College of Engineering
GPA: 3.31/4.00

Graduation Date:
May 2021

Major:
Computer Science
Minor:
Entrepreneurship

Technical Skills

C++ - Proficient
Python - Proficient
Swift - Experienced
Java - Experienced
HTML - Experienced
CSS - Experienced
JS - Experienced

Relevant Courses

Data Structures and
Algorithms
Intro to Computer
Security
Entrepreneur Creativity
Intro to Computer
Organization
Applied Linear Algebra

Language

Korean – Native
Japanese – Elementary
Spanish – Elementary

Project

Diet Meal Planner App

Swift

Co-Founder

December 2018 – Present

- Developing app that helps users organize what food to consume for their daily diet based on macros
- Leading team by distributing task and discussing new ideas
- Partnering with the Michigan Muscle Club to program and test different algorithms to produce most efficient meal plan

Recycling at the Big House

C++

Lead Coder

December 2018

- Designed program using the simplex method to help Big House optimally reduce waste at football games
- Collected data on trash at games to estimate waste quantity and analyzed waste reducing methods to organize necessary program

Reddit Censor Bot

Python

Lead Coder

November 2017 – December 2017

- Created AI Reddit bot, u/CommentCensorBot, that censors explicit words on Reddit post when called
- Re-engineered nGram models that utilized unigram, bigrams, and trigrams to maintain sentence flow

Experience

Umich Taekwondo Demo Team

Ann Arbor, MI

Dance Portion Leader/Public Relations

September 2017 – Present

- Perform modern and traditional Taekwondo to promote Korean culture
- Coordinate 2-3 times weekly to plan and practice choreography
- Talk to organizations to perform at events or plan collaborations

Saejong Society of Detroit

Franklin, MI

Taekwondo Class Teacher

September 2013 – June 2018

- Directed martial art performances for annual culture festivals to showcase Taekwondo and what students have learned
- Volunteered 5 hours/week, 25 weeks/year to teach Taekwondo to elementary school students

Club/Organization

University of Michigan Taekwondo Club

Ann Arbor, MI

White Belt Form Instructor

September 2017 – Present

- Teaching basic Taekwondo stands and techniques to inexperienced members of the club
- Competing in college wide tournaments to represent university