

HYUNGJOO LEE

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EDUCATION

The University of Texas at Austin	B.S. Petroleum Engineering	May 2022
	Certificate in Computer Science	May 2022

PROJECTS

Josephus Problem

- A python-based game that uses mathematical algorithm.
- Circular Linked Lists – From any point in a circular list it is possible to reach any other point in the list. Thus, any link can be the first or last link.

DareBoard – Web Game

- Board game where players roll dice, and they are “dared” to take certain action to move that number of spaces.
- Uses React library as well as HTML, CSS, and JavaScript.

Jeopardare – Web Game

- Similar concept as the TV show game “Jeopardy” where players choose a difficulty of a dare to win points.
- Uses React library along with HTML, CSS, and JavaScript.

EXPERIENCE

Engineering Ambassador – Cockrell School of Engineering; Austin, Tx Fall of 2019 – Spring 2020

- Inspired young minds to pursue engineering in college by visiting public schools around Austin.
- Hosted events throughout the year representing Cockrell School of Engineering
- Volunteered for different events such as being a tour guide around the school campus.

Lifeguard – YMCA and Gregory Gymnasium; Austin, Tx Summer 2017 – Spring 2020

- Delivered great communication and teamwork skills amongst coworkers.

RELEVANT COURSEWORK

CS 313 - Elements of Software Design

- Learned to analyze and design an algorithm for a given problem (recursion, brute force, binary tree, etc.)
- Tested and evaluated programs for their functionality and their performance.

CS 330 – Software Engineering

- Learned the basics of software engineering (make files, Git, etc.)

VOLUNTEER

- **Gone to Engineering** – Welcomed freshmen entering the Cockrell School of Engineering by hosting various events throughout campus.
- **EXPO** – Volunteered at Engineering Career Fair and networked with various company representatives.
- **South Central Regional Conference** – Helped setup booths and lecture rooms for company representatives to present their personal experience at their work environment.

ADDITIONAL INFORMATION

Languages: Fluent in Korean

Skills: CSS, HTML, JavaScript, Python, React, SQL, C++, C#, C

Work Eligibility: Eligible to work in the U.S. with no restrictions.

Interests: PC Building, Ski, Teamfight Tactics, Tech Influencers