

Junghwan Yoon

728 Liberty Cliff Dr, Cary NC, 27519 | (919)-985-6380

<https://www.linkedin.com/in/junghwan-yoon> | junghwan.r.yoon@gmail.com

<https://github.com/JunghwanYoon7>

Education:

University of North Carolina at Charlotte, Charlotte NC

B.S. in Computer Science

(August 2018 – May 2022)

Honors: Dean's List for Honors 2018

GPA, 3.2

Projects:

University Buildings Heatmap | Python | <https://4155-group1.pages.dev>

- Wrote a script that stripped over 500 million lines of data into readable attributes
- Wrote a script to quantify all data based on time, date, and location
- Designed a website to host a visualized heatmap of UNCC that displays the campus's buildings and colors them based on how many people connected to the internet in each building.

Tower Defense Project | LUA

- Edited game (Dota 2) files using Lua and hammer tools to modify and create game assets.
- Used game assets and script to build a basic tower defense game that allowed users to upgrade towers based on currency acquired throughout the game
- Wrote a script to randomize enemy rounds based on difficulty and time

Sudoku Game | Python

- Designed a basic game that generates infinite valid solvable sudoku boards
- Program includes, functions that can detect if there is a invalid answer in the board, clears board of all inputs in blank spaces, generate new boards, and has a built in solver

Technical Skills: Python, Numpy, PyTorch, Java, Lua, Networking basics, C++, Git, Javascript, Github, Object Oriented Programming, Linux, Windows, AWS, Bash, MySQL, SQL, 6 years programming experience, Languages (Fluent): English | Korean

Relevant Coursework:

Logic and Algorithms, Data Structure and Algorithms, Operating Systems and Networks (Spring 2021), Software Engineering (Spring 2021), Game Design and Development (Fall 2021), Introduction to Computer Architecture, Database Design and Implementation, Mobile App development, Parallel and Distributed Computing

Leadership:

Pi Alpha Phi (PAPHI)

(April 2019 - December 2021)

Academic Chair

Responsible for administrative tasks such as managing the academic standing of members and arranging additional resources for those in need of assistance.

Work Experience:

Lowes Food – Cary, NC

(January 2021 – August 2021)

Barista/Bartender

Kung Fu Tea – Cary, NC

(June 2017 - August 2018)

Barista