

Inhyeong Park

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Bachelor of Science – Computer Science

Spring 2021-Present

- Concentrations: Artificial Intelligence - Info/Internetworks
- Major GPA: 3.75/4.0

SKILLS

Programming: C, Python, Java, HTML, CSS, JavaScript, Kotlin, MySQL, React

Software: Android Studio, Visual Studio Code, MATLAB, Microsoft Office Suite

Platforms: Microsoft Windows, Mac OS X, Linux Ubuntu

Course Work: Object Oriented, Data Structures, Web development, App development, Networking, Computer Organization, Computer System Structure, Algorithms, Database systems

EXPERIENCE

UNIVERSITY OF MISSOURI

Columbia, MO

Undergraduate Research

May-August 2020

- Worked under Dale Musser, researching the algorithms of Machine Learning
- Discussed how the ML is used with PyTorch, Tensorflow and read papers

PROJECT

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Vertically Integrated Project – People Counter in Makerspace

January-May 2023

- Analyzed the number of people in the makerspace to let patrons work on safe environments
- Compressed image under 5MB and used Amazon Rekognition to detect people for high accuracy
- Presented the graph using Kotlin based on the number of people we detected

Airline Management – GT Database Systems

January-May 2023

- Developed a system to keep track of how airlines use airplanes flown by pilots to move passengers
- Designed relational schema for database and used Java for backend and MySQL for database

Peer to Peer File Transfer System – GT Database Systems

January-May 2023

- Implemented a system that allows a peer to send large chunks of fileset from other peers
- Added server to help clients find other clients using Python

Vertically Integrated Project – Hand Detection when using Bandsaw

August-December 2022

- Supported users prevent the misuses of a bandsaw and integrate it into a workflow for safety
- Created and improved accuracy of an ML model to 92% for detecting hands approaching bandsaw
- Used Android Studio with Kotlin and won first place in 6th GT Innovation Competition

Tower Defense - GT Software Objects and Design

January-May 2022

- Applied MVVM architecture to Full-stack android app developed in Android Studio with Kotlin
- Assisted team members apply GRASP and SOLID design into our app
- Concentrated on creating battle between monsters and tower to make the users more interesting

UNIVERSITY OF MISSOURI

Columbia, MO

MU 2830 Web Application Development

August-December 2020

- Created calendar including To-Do-list that have priority and due-date with HTML, CSS, jQuery
- Utilized AJAX, made a website that contains information of Pokémon: Music, Monster, Items

LEADERSHIP

KCS, Administrative Assistant, GT

August 2022-May 2023

- Provided administrative support through the management of projects
- Profread presentations and led leetcode group helping people get used to graph algorithms

Mizzou Computing Association, Team Leader, MU

August-December 2020

- Led a group, supported teammates using GitHub for version control and collaboration
- Built an alarming calendar app in Hackathon, utilizing HTML, CSS, and JavaScript