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Hayun Jung

Student developer

Portfolio: yun505.github.io/PersonalWebsite/
github.com/Yun505

SKILLS

Web Development	HTML, JavaScript - Node.js(Express), HTML, CSS - Tailwind + Bootstrap, Google API
More Languages/Tools	Python (Numpy, Pandas, Jupyter Notebook, some TensorFlow, pygame), Git, \LaTeX , Java- javafx, C # -> Unity, C, Lisp, Latex, Git
Communication	Korean (fluent)

TECHNICAL EXPERIENCE

Music Classifier	June 2021
<ul style="list-style-type: none">• Python GUI(tkinter) that takes in a music file and classifies what type of music it is through a model.• Gives recommendations similar to the music inputted.• A login / sign up system to use the service.• Music can be played or stopped using the GUI.	
Microeconomics Dating Simulator	March 2022
<i>made for my AP Microeconomics presentation</i> <ul style="list-style-type: none">• Made using Ren'Py, to have a narrative style game where the player interacts with the microeconomics textbook.• The players tries to answer the textbook's questions in the game.• The number of correct answers to the questions give different endings.	
BlackJack GUI	January 2020
<ul style="list-style-type: none">• BlackJack GUI in python using tkinter.• Can be played in 1 player, 2 player, or 4 player mode.• Cards are given at random, with the choice to hit or pass.	
Obstacle Course	June 2022
<ul style="list-style-type: none">• The game is made in Unity/C#.• To win the player must go through 3 levels of obstacle courses.• One mishap will cause the player to start from level 1.• Some obstacles also move randomly making it difficult for the player.	

EDUCATION

Bergen County Academies, NJ	2019 — present
Courses , AP Computer Science A and Data Structures, Machine Learning, AP Calculus AB, AP Microeconomics, Intro to C Programming, Assembly Language Basics, Math Foundations of CS, Functional Programming, Computational Theory	2020 — 2022

ACTIVITIES

World Vision(President)	2021 — 2022
Girls Who Code (President)	2021 — 2022
Generation Coders(Social media director)	2020 — present
Lemon Club(President)	2021 — present
NHS + Math tutor	2021 — present
Academy Chronicle (Design Editor)	2021 — present