JUHUN PARK

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EDUCATION

Northern Virginia Community College   Annandale, VA

AS Computer Science, GPA: 3.9; Dean's List (All Semesters)   *Expected May 2025*

George Mason University   Fairfax, VA

ADVANCE Student, BS Computer Science   *Expected May 2027*

Relevant Courses: Problem Solving and Programming, Object Oriented Programming, Data Structures and Analysis of Algorithms

SKILLS

Languages: Python, Java, JavaScript, HTML, CSS
Frameworks: NumPy, Tensorflow, Keras, Pytorch, React, Node.js, FastAPI
Technologies: Git, Anaconda3, LaTex, VS Code, Eclipse
Certifications: CodePath Advanced Technical Interview Prep (June 2024 - Present), HackerRank Python Basic (2024)

PROJECTS

AI Language Model   May 2024 - Present

- Utilized: Tensorflow, Pytorch
- Developing a language model during summer as a personal project
- Planning to implement front-end for user interaction, like OpenAI's GPT model
- Using open sourse textbooks, datas to train the language model

Hand Motion-Controlled Mouse   July 2024

- Utilized:
- Developed a motion-control system that utilizes the MediaPipe library to allow users to control the cursor using hand gestures
- Implemented a full-stack web application using with Flask serving a REST API with React as the frontend
- Accomplished a responsive frontend using HTML, CSS, and JavaScript, set up a SQLite database to store user data and preferences

Portfolio Template Website | **GitHub Demo**   April 2024 – May 2024

- Utilized: HTML, CSS, JavaScript, Git
- Created a user-friendly and customizable portfolio template website using HTML, CSS, and JavaScript with two of my peers.
- Focused on responsive design to ensure optimal performance on desktops, tablets, and mobile devices.
- Deployed the project on GitHub and made it available for public use.

Tetris Clone Game   2023

- Utilized: Java
- Developed a fully functional Tetris clone using Java and Java UI (Swing/JavaFX) during free time for my classmates.
- Published — to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented classic Tetris gameplay mechanics including piece rotation, line clearing, and level progression.
- Added score tracking and high score saving functionality using PostgreSQL

EXPERIENCE & ACTIVITIES

CodePath Interview Prep Course | *TIP102; Intermediate Level*   May 2024 – August 2024

- Selected as one of 1000 participants nationwide for this 10-week professional development program for high-achieving diverse talent based on leadership potential and academic success.

Software Developer Student Club at Gimpo Highschool | *Club President*   August 2020 – March 2022

- Managed 36 club members and their projects
- Collaborated with 2 peers in the development and presentation of an animated projection featuring real-time user facial and body motion tracking using python3 mediapipe library.