JUHUN PARK

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EDUCATION

George Mason University   Fairfax, VA
BS Computer Science, ADVANCE Program   *Expected May 2027*

Northern Virginia Community College   Annandale, VA
AS Computer Science, GPA: 3.9; Dean's List (All Semesters)   *Expected May 2025*

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

Formula 1 Driver Points System
- 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

Discord Text-To-Speech Bot
- 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

To-do list With Google Calendar API
- 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
- Utilized: HTML, CSS, JavaScript, Git
- Worked with 2 peers to create a user-friendly and customizable portfolio template website using HTML, CSS, and JavaScript.
- Focused on responsive design to ensure optimal performance on desktops, tablets, and mobile devices.
- Successfully deployed the project on GitHub with demo and made it available for public use.
- Enhanced the usability of the template, receiving positive feedback from users for its ease of customization and responsive design.

EXPERIENCE & ACTIVITIES

CodePath Technical Interview Prep Course | *TIP102; Intermediate Level*   May 2024 – Present
- Selected as one of 1000 participants nationwide for 10-week professional development program for high-achieving diverse talent based on leadership potential and academic success.

Himedia Academy Java Developer Course   January 2023 – April 2023
- Back-end development course consisted of 10 participants, one-to-one teacher-student focused learning of basic Java development and Oracle DBMS development.

Software Developer Student Club of Gimpo Highschool | *Club President*   August 2020 – March 2022
- Managed 36 club members ensuring smooth progress of their projects, receiving positive feedback from peers and mentors.