JUHUN PARK

202-924-4546 · juhunpark32@gmail.com · linkedin.com/in/juhun-park · github.com/juhun32

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

PROJECTS

Formula 1 Driver Points System
- Utilized: Python, SQL, Flask, JavaScript, React
- Designed the database schema to store race results, driver details, and points allocations.
- Implemented backend logic using Python and Flask to calculate points based on race finishes.
- Developed a frontend interface with React for users to view updated driver standings and statistics.
- Created automated scripts to fetch and update race data from official F1 APIs.

Discord Text-To-Speech Bot
- Utilized: Python, Discord API, Google Cloud Text-to-Speech, Docker, Heroku
- Utilized Google Cloud Text-to-Speech API to convert text messages into natural-sounding audio.
- Deployed the bot using Docker and Heroku for easy scalability and reliability.
- Implemented command handling and user permissions to manage bot interactions within servers.

To-do list With Google Calendar API
- Utilized: JavaScript, Node.js, Express, MongoDB, React, Google Calendar API
- Developed backend services with Node.js and Express to handle user authentication, task management, and Google Calendar API interactions.
- Implemented a full-stack web application using with Flask serving a REST API with React as the frontend
- Created a MongoDB database schema to store user tasks, calendar events, and synchronization settings.

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.