

# JUHUN PARK

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## EDUCATION

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### George Mason University

BS Computer Science, ADVANCE Program

Fairfax, VA

Expected May 2027

### Northern Virginia Community College

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

Annandale, VA

Expected May 2025

**Relevant Courses:** Problem Solving and Programming, Object Oriented Programming

## SKILLS

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**Languages:** Python, Java, SQL, HTML, CSS, JavaScript

**Frameworks:** NumPy, Pandas, React, Node.js, Seaborn, Flask, PostgreSQL

**Technologies:** Git, Anaconda3, VS Code, LaTeX, Eclipse

**Certifications:** [CodePath](#) Technical Interview Prep (2024), HackerRank Python Basic (2024), HackerRank Java Basic (2024)

## EXPERIENCE & ACTIVITIES

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### CodePath Technical Interview Prep Course | *TIP102; Intermediate Level*

May 2024 – Present

- Selected as one of world-wide participants for 10-week professional development program targeting high-achieving diverse talent based on leadership potential and academic success.
- Developed problem-solving skills, knowledge of data structures and algorithms, such as heaps, trees, linked list, hashmap, etc
- Developed soft skills of communicating and analytical thinking, working with multiple pod-members with different backgrounds in culture and programming

### English Instructor | *21Cen. English / Math Academy, Incheon, South Korea*

July 2024 – August 2024

- Provided one-on-one tutoring sessions to 14 high school students, helped students improve their grades and understanding of English concepts and structures.
- Developed customized lesson plans to address the specific needs and learning objectives of individual students of two classes

### Himedia Academy Java Developer Course | *Backend developer course*

January 2023 – April 2023

- Backend development training course consisted of 10 participants, of practical workspace training based curriculum
- One-to-one focused learning of basic Java development, object-oriented programming, datastructures 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 personal projects, received positive feedback from peers and club mentors. Successfully organized project demonstration event for club members.

## PROJECTS

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### Formula 1 Driver Championship Statistics

- Utilized: Python, Flask, PostgreSQL, OpenF1 API
- Designed the database schema to store race results, driver details, and championship points allocations.
- Implemented backend logic using Python to calculate points based on race finishes.
- Developed a frontend interface with Flask for users to view updated driver standings and statistics.
- Created automated scripts to fetch and update race data from OpenF1 API

### Discord Text-To-Speech Bot

- Utilized: Python, Discord API
- Implemented command handling and user permissions to manage bot interactions within servers.

### iOS Calculator | [GitHub](#)

- Utilized: HTML, CSS, JavaScript, Git
- Developed a functional calculator imitating the iOS design and functionality.
- Focused on responsive design to ensure optimal performance on desktops, tablets, and mobile devices.