JUHUN PARK

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- **Relevant Links:** linkedin.com/in/juhun-park | github.com/juhun32
- **Programming Languages:** Python, Java, SQL, HTML, CSS, JavaScript, R
- **Frameworks:** React, Flask, Django, Tensorflow, Pandas, Numpy, PostgreSQL, MediaPipe
- **Technologies:** Git, Anaconda3, VS Code, LaTeX, Eclipse, MS Office

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&Programming, Object Oriented Programming, Data Structures&Algorithms, Calculus I/II/III

WORK EXPERIENCE

21Cen. English & Math Academy　　　　　　　　　　　　　　July 2024 – August 2024
English Instructor　　　　　　　　　　　　　　　　　　　　　　*Incheon, South Korea*

- Taught 14 high school students, helped students improve their grades by 30% and understand advanced English concepts, structures.
- 20% of class time saved by developing 10 custom lesson plans by addressing the specific needs and objectives of all 14 students.

Himedia Academy　　　　　　　　　　　　　　　　　　　January 2023 – April 2023
Backend Developer Apprenticeship　　　　　　　　　　　　　　　*Seoul, South Korea*

- 40hr/week full-time backend development training consisted of 10 apprentices, on Java application and practical workspace training.
- Developed foundational skills in web development techniques using Bootstrap, HTML/CSS, JavaScript, and Oracle DBMS.
- Focused on backend development skills; object-oriented programming, data structures and algorithms, unit testing, and debugging.
- Led a team and improved workflow efficiency by reducing 30% of development time by utilizing Git and Notion.

Gimpo Highschool　　　　　　　　　　　　　　　　　March 2021 – November 2021
Science Research Program, Student Researcher　　　　　　　　　　*Gimpo, South Korea*

- Led a student research project, which developed and tested a motion detection application using PyAutoGUI and MediaPipe.
- Authored a scientific research paper detailing the project methodology, test results, and implications for future research plans.

PROJECTS

Formula 1 Driver Championship Statistics

- Utilized: Python, Flask, React, PostgreSQL, OpenF1 API
- Designed a comprehensive database schema using Python and PostgreSQL to store championship points allocations data per drivers.
- Implemented backend using Python, Flask to fetch/filter/store/update data from OpenF1 APIs, configure various visualized charts.
- Developed a frontend interface with React for users to navigate through updated driver standings and statistics.

iOS Calculator | GitHub

- Utilized: HTML, CSS, JavaScript, Github Pages
- Developed a functional calculator that mimics iOS design and functionality, with 1:1 scale ratio and same coloring.
- Implemented responsive design techniques to ensure optimal user experience across desktops, tablets, and mobile devices.

EXTRACURRICULAR ACTIVITIES

InsightLegi DataStorm 2024 Volunteer　　　　　　　　　　　　　　November 2024

- Managed logistics, participant data and provided technical support for participants and mentors for a 48 hour hackathon event.
- Contributed to social media promotion and event planning, resulting in 2000+ views.

PatriotHacks 2024 Participant | GitHub　　　　　　　　　　　　　　October 2024

- Participated in a 36-hour hackathon event, collaborated with 3 team members to develop a React web application that provides information about government spending of tax revenue on incarceration, and solutions to reduce spending.

CodePath Technical Interview Prep Course | *TIP102*　　　　May 2024 – August 2024

- Improved problem-solving skills and understanding of data structures and algorithms, including heaps, trees, linked lists, and hashmap through practicing 60+ datastructure problems.
- Enhanced communication and analytical thinking skills by collaborating with 5 team members from various cultural backgrounds.

President of Software Developer Student Club, Gimpo Highschool　　August 2020 – March 2022

- Managed 36 club members ensuring smooth progress of their personal projects while ensuring their academic success in high school, received positive feedback from peers and club mentors.
- Organized two successful project demonstration event for 5 club members by coordinating logistics, presentations, and attendee engagement whilst securing Covid-19 pandemic safety.
- Invited a published author in AI for a Q&A, facilitated understanding of AI concepts and inspired a new AI application project.