

BYUNG WOOK PARK

Seattle, WA

+1 206-843-5073

b2park17@uw.edu

linkedin.com/in/byungwookpark

github.com/b2park17

PROFESSIONAL STATEMENT

An ambitious Informatics student focused on full-stack development, committed to creating impactful and innovative technology solutions, thriving in fast-paced, collaborative environments.

EDUCATION

University of Washington

March 2025

Bachelor of Science in Informatics (GPA: 3.63/4.0)

Seattle, WA, United States

Languages: Korean (Native), English (Native)

Skills: Java, Python, SQL, HTML, CSS, JavaScript, Flask, React.js, Microsoft Azure, Google Firebase, MongoDB

RESEARCH/WORK EXPERIENCE

Information School, University of Washington

Dec 2023 – June 2024

Undergraduate Teaching Assistant

Seattle, WA, United States

- Teaching assistant for course "Cooperative Software Development".
- Guided 30+ students through weekly lab sections to clarify concepts and enhance understanding, contributing to an average 20% improvement in student lab scores.
- Provided personalized feedback and guidance on 8+ software development projects per quarter, boosting skill development in software engineering and teamwork resulting in an average 10% increase in project grades.

PROJECTS

iPlanner - Course Planning WebApp | JavaScript, Node.js, Express.js, MongoDB, HTML, CSS

Jan 2025 - March 2025

- Built a full-stack web app to assist UW Informatics students in planning coursework across 30+ INFO classes, featuring workload/prerequisite filters, keyword search, and a personalized planner using vanilla.js.
- Developed 5+ RESTful API endpoints with Node.js/Express.js and MongoDB to manage user data and course tracking; implemented interactive features including comments, likes/dislikes, and completion status.

AI-Generated Fake News Detection WebApp | Python, Flask, HTML, CSS, JavaScript

March 2024 - June 2024

- Developed a Flask web application for real-time classification of news articles into Human Real (HR), Human Fake (HF), Machine Real (MR), and Machine Fake (MF) categories, achieving 93% accuracy. Processed and cleaned over 16,000 articles from labeled datasets. Utilized various Large Language Models (LLMs) to build and train the classification models, including SVM and XGBoost with TF-IDF vectorization for feature extraction. Enhanced model performance by 15% through hyperparameter tuning and feature engineering.

Mango Music WebApp | HTML, CSS, JavaScript, React js, Figma, Google FireBase

Dec 2023 - March 2024

- Created a user-friendly web application dedicated to K-pop enthusiasts, featuring song ranking, leader board display, a dynamic guessing game, and a recommendation system, fostering engagement and community interaction.
- Curated a selection of 200 songs, providing detailed information on each track to enhance user engagement and music discovery. Implemented a user-driven recommendation feature, which allowed fans to submit their favorite songs, automatically showcasing the top 2 most recommended tracks based on user votes.

Flight Booking Service | Java, SQL, Microsoft Azure

Sep 2023 - Dec 2023

- Established a full-featured flight booking system with functionalities such as account creation, secure login/logout procedures, itinerary searching, booking, and reservation management deployed on a Microsoft Azure-based database management system.
- Integrated over 5,000 simulated flight records from a provided dataset into the application, offering a wide array of booking options and testing the system's capability to handle complex queries and transactions.

LEADERSHIP / EXTRACURRICULAR

Republic of Korea (ROK) Air Force

May 2021 – February 2023

English Specialist Enlisted Soldier

Osan Air Base, Pyeong Taek, South Korea

- Played a critical role as the English translator during President Biden's 2022 visit to South Korea, facilitating high-level communications between White House press corps and Republic of Korea Air Force Security Forces members.

KOJOBS UW

Sep 2023 – Dec 2024

Executive Affairs Team officer/Web development team officer

University of Washington, United States

- Actively engaged with over 100+ alumni and industry professionals to ensure their participation in KOJOBS UW's Career Fair events. Successfully orchestrating numerous career fairs and major-related events, fostering valuable networking opportunities and facilitating meaningful career connections.