Junyoung Bae

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EDUCATION

The University of Hong Kong   **Hong Kong**
Bachelor of Engineering in Computer Science & Bachelor of Business Administration in Information System   Sep 2019 - Present
Double Degree in BEng Computer Science & BBA Information System | CGPA 3.52/ 4.3 | Class of 2026
- Relevant coursework: Business Analytics, Accounting/Financial Principles, Microeconomics, Management Information System, Programming Technologies and Tools (C++, Python, SQL, Java…), Data Analytics

Purdue University   **USA Indiana**
Bachler of Science in Computer Science- One Semester Exchange   Jan 2024 – May 2024
- Relevant coursework: Operating Systems, Data Structure and Algorithm, Object Oriented Programming

WORK EXPERIENCE

PricewaterhouseCoopers (PwC)   **South Korea (HwaSeong)**
Finance Risk & Compliance – Project Research Assistant   Jun 2024 - Present
- Conducting data preprocessing and visualization using Excel and Python for Wafer Data Analysis and Profit Prediction Project.
- Performing in machine learning model (Random Forest, XGBoost, Elastic Net Regression, SVR, LSTM, GNN, and CMA-ES) coding (Python) and preparing presentations.

The Hongkong and Shanghai Banking Limited (HSBC)   **Hong Kong (Central & Olympics)**
Commercial Banking – Data and Analytics Team Data Analyst Intern   Jul 2023 – Dec 2023
- Conducted client service analytics and extracted valuable insights using Python, SQL, and Excel for data visualization.
- Applied NLP techniques on client queries to analyze business banking customer sentiment and enhance service delivery.
- Managed and integrated database systems using Hadoop and GCP, demonstrating proficiency in database management.
- Delivered presentations to internal stakeholders by processing and deriving actionable insights from business banking customer profile data.

PricewaterhouseCoopers (PwC)   **Hong Kong (Kwun Tong)**
Firmwide Corporate Services – Global Technologies Solutions Intern   Mar 2023 – May 2023
- Collected and organized IT information data, collaborating with project teams to ensure proper software deployment using Linux.
- Conducted in-depth research and data classification on PC management issues, identifying and addressing potential challenges.

AI TIMES (Artificial Intelligence Focused Online Startup Media)   **South Korea (Seoul)**
Intern Journalist   Dec 2020 – Feb 2021
- Translated, curated, and categorized AI-related international press articles into Korean, providing crucial information access to the media team.
- Conducted interviews with AI industry professors to compile key insights and takeaways regarding AI university courses in South Korea.

EXTRACURRICULAR ACTIVITIES

Koreans' Management Consulting Group   **Hong Kong**
Student Consultant + Research Assistant   Sep 2022 – Sep 2023
- Gathered insights and provided strategic recommendations for Tcha Partners, a hedge fund managing public bus transportation in Seoul, by utilizing a top-down and bottom-up approach to identify new business opportunities.
- Conducted a comprehensive analysis of the intelligent transport system (ITS) and Smart Sensor market, including financial statements of major ITS and Smart Sensor companies in Korea, to support their business entry project.

L'Oréal Brandstorm Hong Kong 2023 Finalist   **Hong Kong**
Finalist in the National Finals out of 237 teams in Hong Kong   Feb 2023 – Mar 2023
- Developed "WEBrush," an innovative idea that enhances the makeup user experience by integrating NFT (Non-Fungible Tokens) and AR (Augmented Reality) concepts.
- Delivered a persuasive pitch presentation at the L'Oréal Hong Kong headquarters in Wan Chai to directors and executives from L'Oréal Hong Kong.

OTHER INFORMATION

Language	Korean, English, Chinese HSK 5 (2022)
Technical Skills	C, C++, Python, Java, Java Script, React, Tableau, R, Microsoft Office (Word, Excel, Power Point)
Personal Interest	Swimming, Squash, Jogging, Gym
Military Service	11th Maneuver Division (Infantry Vehicle Gunner, Mar 2021 – Sep 2022) / (English Interpreter at Incheon International Airport Terminal 1, May- Jul 2022)