

# SEUNGWON (MICHAEL) JUNG

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## EDUCATION AND CERTIFICATION

### Emory University

Bachelor of Science in Computer Science

Atlanta, GA

Aug 2019 – May 2025

### Certification

- AWS Certified Cloud Practitioner / AWS Certified AI Practitioner
- Microsoft Office Specialist: 2016 Master
- Dele B1 Spanish Certification

## TECHNICAL SKILLS & LANGUAGES

**Skills:** Programming Languages(Python, Java, C), Web Technologies(HTML, CSS, JavaScript), Frameworks(Django, Flask), Databases(PostgreSQL), Operating Systems(Linux), Version Control(Git, GitHub), Cloud Platforms(AWS, GCP)

**Languages:** Korean (Native), English (Fluent), Spanish (Intermediate), Japanese (Intermediate)

**Relevant Coursework:** Artificial Intelligence, Database Systems, Data Structures and Algorithms, Machine Learning, Human Computer Interaction, Deep Learning, Systems Programming, Data Mining, Computational Linguistics

## PROJECTS & TECHNICAL EXPERIENCE

### Computational Linguistics, EmailLM: Bulk Cleanser

Jan 2025 – May 2025

- Led frontend development and co-designed backend logic for a full-stack NLP-based email classification platform using Gemini LLM and achieved 74% tagging accuracy via dynamic RESTful inbox folders categorized by user-defined keywords.
- Built a responsive web interface and engineered selective email downloading/deletion features to optimize inbox storage efficiency in simulated environments.

### Data Mining, Heart Attack Risk Prediction: A Data Mining Approach

Jan 2025 – May 2025

- Developed a logistic regression model in Python (scikit-learn), achieving 84% accuracy and uncovering key age-based trends through stratified analysis.
- Co-authored an academic research paper comparing model performance across age groups and classifiers, emphasizing predictive reliability and interpretability in clinical applications.

### Computer Science Practicum, League of Legends game companion app

Jan 2024 – May 2024

- Led frontend development in a Scrum-based team to build a responsive Django web app with HTML, CSS, JavaScript and integrated backend logic for real-time game data, deployed via AWS EC2 on Ubuntu.
- Managed Git-based collaboration, contributed to wireframes and weekly sprints, and enabled users to download a companion tool delivering in-game status and strategic tips.

**Portfolio & Code Samples:** seungwonmj.github.io

## WORK EXPERIENCE

### NH INVESTMENT & SECURITIES CO.,LTD.

Seoul, South Korea

Investment Banking - Private Equity Division Intern

Jul 2022 – Aug 2022

- Researched 7+ business districts using CBRE and industry sources to analyze market trends, construction costs, and tenant forecasts while evaluating prior project data to identify overseas office investments not worth funding based on cost-risk analysis.
- Produced detailed reports every 2–3 days using Microsoft Word, embedding comparative visuals and financial tables, and received validation from the Executive Manager on data accuracy and presentation.

### Private Tutor (Self-Employed)

Seoul, South Korea

IGCSE, International Baccalaureate Tutor

Jul 2020 – Aug 2022

- Delivered personalized physics and math tutoring by analyzing student performance and adapting lesson plans, helping students improve problem-solving skills and exam readiness.
- Managed all aspects of tutoring business including client relations, scheduling, and progress tracking, successfully mentoring students to achieve academic goals such as admission to Virginia Tech.

## MILITARY EXPERIENCE

### Korean Army Sergeant service completed

South Korea

Korean Army Head Quarter Human Resource Staff

Nov 2020 – May 2022

- Maintained and updated personnel databases for 100+ soldiers and commanders, ensuring data accuracy across training status, leave schedules, and mission readiness during routine and high-pressure scenarios.
- Played a pivotal coordination role during the COVID-19 pandemic, receiving commendation for crisis logistics support involving real-time communication, personnel redeployment, and contingency planning.