

Jin Hong Moon

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EDUCATIONS

Johns Hopkins University, Baltimore, Maryland

Expected Graduation May 2026

- B.S Computer Science | B.S Applied Math and Statistics | GPA: 4.0 | **A+**: Data Structures, Intermediate Programming

INTERNSHIPS

Full Stack & LLM Intern <Django, Google Cloud, Pytorch, Transformer>

Remote, based in United States

Claudius Legal Intelligence, Developer for scholar.claudius.ai

May 2024 - Present

- Engaged in initiating AI-driven legal assistance for numerous law students and scholars to streamline their submissions and reviewing processes to 500+ law journals.
- Not only creating and deploying web pages using Django and GCP, gained proficiency in PyTorch, Transformer, and PEFT to fine-tune LLMs, within the vigorous and fast-paced atmosphere of the Princeton based startup.

Engineering & Development Intern <C++>

Seoul, South Korea

Suprema, Engineering Intern

July 2020 - October 2020

- Built a prototype for an infrared thermometer integrated with the company's face recognition using Arduino.
- Showcased expertise in hardware-software implementation and innovative solutions for health and safety measures.

Web Development Intern Leader <HTML, Spring Boot>

Ellicott, Maryland

Bethel Church, Internship Leader

November 2019 - February 2020

- Developed Korean Elders Activity Website utilizing HTML5, frontend design platform and Spring Boot for backend.

WORK EXPERIENCES

Johns Hopkins Course Assistant for Intermediate Programming <C, C++, Linux>

Baltimore, Maryland

Johns Hopkins University, Course Assistant for EN.601.220

January 2024 - Present

- Facilitated learning of 175 students in C and C++, guiding them through using SSH and Linux, while nurturing a deep understanding of Object-Oriented Programming fundamentals to enhance their coding proficiency.

KATUSA Sergeant of Republic of Korea Army

K-16, South Korea

US Army, USFK 8th Army 2ID 2-2 AHB HHC S-3 Flight Operations, Leadership

October 2021 - April 2023

- Trained and served the country for 18 months translating signals between US Army and ROKA control departments.

PROJECTS

Disease Simulation Student Research Project <Python, AWS, Unreal Engine 5>

Baltimore, Maryland

Delineo + AWS, Algorithm Developer & Data Analyst

February 2024 - Present

- Specialized in analyzing Big Data to generate and optimize disease simulation of rural communities of 3000+ population under Dr. Dahbura, extracting meaningful insights from the movements of clustered populations.
- Collaborated with AWS for creating an airport 3D simulation of 400+ population using Unreal Engine 5 and Mass AI plugin in AWS environment, applying the knowledge from Delineo to restricted indoor situations.

Hopkins Hackathon Website Fullstack <MERN, AWS, Figma>

Baltimore, Maryland

HopHacks, Website Developer for hophacks.com

December 2023 - Present

- Designed, developed, and deployed the website of the University-led annual Hackathon of 400+ participants as the main coder of the team.

Biomedical Engineering Innovation Research <C++, Arduino>

Remote, based in United States

Johns Hopkins Biomedical Engineering Innovation, Student

June 2020 - July 2020

- Selected to actively participate in biomedical laboratory projects, demonstrating a commitment to hands-on research.
- Took the lead in researching human body core temperature from skin temperature using IR sensor and Arduino, even advancing to collaboration with Suprema as an intern to implement the product in practical industry applications.

Robotics Coding Department Leader <Tensorflow, OpenCV, Android SDK>

Marriottsville, Maryland

Vector 5233, Leader

September 2018 - June 2021

- Took leadership role of Robotics team, leading 20+ people to state championships and winning awards.
- Utilized Android SDK in Java environment, implementing and applying OpenCV and TensorFlow image recognition.

SKILLS

Korean | Japanese | C | C++ | JAVA | Python | R | Linux | JS | CSS | HTML 5 | SQL | MERN | Django | AWS | GCP | Git | ML