Hyung Joon (Jason) Jin

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PROFESSIONAL EXPERIENCE

United Nations International Computing Center   **New York, NY, USA**
Data Scientist Intern   August 2024 - Feb 2025

- Designed and developed AI tools for UN partners, including chatbots, regression models, and topic modeling, delivering tailored proofs of concept (POCs) to address diverse client and operational requirements
- Implemented a sentiment analysis solution using Microsoft Power Automate to analyze service desk emails, flagging negative and urgent messages for immediate action by technicians, enhancing responsiveness and efficiency
- Deployed an internal RAG-based chatbot for UNICC's Data and AI (DDAI) team using OpenAI for NLP, Streamlit for front-end, and Azure for back-end, with CI/CD pipelines via Azure DevOps and GitHub; enabled document upload, selection, and interactive Q&A for streamlined workflows
- Led DDAI initiatives with UNECE, UNESCO, and IOM, defining requirements and scopes for AI projects with NYU and Cornell teams; directed alignment of problem statements, supervised project execution, and organized final presentations to stakeholders, fostering future collaboration opportunities

Rebel   **New York, NY, USA**
Software Engineering Intern   May 2024 - July 2024

- Revamped the Django backend, streamlining API views, serializers, and models to enhance database functionality and backend integration
- Worked closely with the CEO and CTO on code restructuring and UI/UX enhancements, helping shape the product launch roadmap. Utilized Jira to track project progress and coordinate tasks
- Led front-end development across web platforms, enhancing UI components using Material UI and transitioning the codebase to class-based components for improved consistency and maintainability. Implemented seamless interaction with Google storage buckets for managing user images and musical artwork securely with user tokens

Xeward   **New York, NY, USA**
Founder   May 2023 - May 2024

- Led product ideation to launch of Surgg multi-platform entertainment news app; garnered 3.5K+ social followers and 60+ iOS/Android downloads showcasing user acquisition
- Managed end-to-end development from UI/UX with modern frameworks to backend server setup and maintenance
- Integrated AdMob and AdSense into mobile and web platforms, offsetting $1K/month in server costs through ad revenue to achieve more sustainable operations and explore scalable monetization strategies

Ministry of National Defense (Military Service)   **Seoul, South Korea**
Signals Intelligence Officer and English Interpreter   Aug 2017 - Jun 2019

- Facilitated communication between Defense Security Agency (DSA) researchers and technicians from General Dynamics & the Espy Corp.; gained insight into signals intelligence, antenna technology, and wireless communication

SKILLS & CERTIFICATIONS

- Languages: English (Fluent), Korean (Native), Chinese (Basic), Spanish (Basic)
- Technical: Python & JavaScript, Data Analysis (Pandas, Scikit-learn, NumPy), Machine Learning (PyTorch, TensorFlow), Web/Mobile Development (React, Node.js, React Native), Database Management (SQL, NoSQL)
- Earned AWS Certified Solutions Architect Associate and AWS Certified Cloud Practitioner certifications, demonstrating proficiency in AWS cloud services (Dec 2024)
- Completed Web Development Bootcamp with Dr. Angela Yu (Udemy, Jan 2023 – Apr 2023); refined full-stack skills
- Bloomberg Market Concepts (Bloomberg, Jul 2023); Fundamentals of Quantitative Modeling (Coursera, Jul 2023)

AWARDS & RECOGNITION

- Top 5 finalist in the 2024 UNICC Columbia Thinkathon Competition
- Surgg featured in New York Weekly top headline for innovative approach to news media and social platforms
- Recognized with Letter of Appreciation from National Security Agency (Military Service)

EDUCATION

Columbia University   **New York, NY, USA**
Bachelor of Science in Computer Engineering   May 2023

- Data Structures & Algorithm, Competitive Programming, Intro to Database Systems, Applied Machine Learning