Jason Jin

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*Currently seeking New Grad Opportunities in Machine Learning, Data Science or Full Stack | *Sponsorship not needed

EDUCATION

Columbia University in the City of New York	**New York, NY**
Bachelor of Science in Computer Engineering	*Sep 2021 - May 2023*
Franklin & Marshall College	**Lancaster, PA**
Bachelor of Arts in Mathematics	*Aug 2016 – May 2021*
Phillips Academy Andover (High School Diploma)	**Andover, MA**

SKILLS & INTERESTS

Programming Languages: Python, C/C++, Java, JavaScript, HTML, CSS/Bootstrap, Motoko, React/Node/Express.js
Data Science and Visualization: TensorFlow, Keras, PyTorch, NumPy, Pandas, Scikit-Learn, Seaborn, Matplotlib
Tools & OS: AWS, MySQL, Git, Mac OS, Windows, Linux, MongoDB, Neo4j, Django, GCP, Docker, Jupyter, DataGrip, Apache Hadoop, XGBoost, LightGBM, CatBoost, Synthesis & Simulation, FPGA, Microsoft Office Suite

PROFESSIONAL EXPERIENCE

HumusOn (Marketing Automation Company)   **Seoul, South Korea**
Software Engineering Intern   *Jun 2022 - Aug 2022*
- Developed and implemented automation protocols utilizing in-house CRM software to facilitate seamless integration with the connected services provided by SK Telecom and Hyundai's Genesis brand, while managing API requests and enabling customization of notifications, alerts, and workflows.
- Developed and implemented machine learning models using Python, TensorFlow, and Scikit-learn, while conducting data analysis and visualization to optimize model performance on large datasets.
- Acquired technical skills and industry knowledge through training programs and assessments, with a particular emphasis on Tableau for statistical report generation, customer demand forecasting, and monitoring marketing KPIs; Additionally performed comparative analyses of public precedents and transactions using median EV/Revenue valuation methodology.

Witchcompany co. (Blockchain/NFT company)   **Seoul, South Korea**
Software Engineering Intern   *Jun 2021 - Aug 2021*
- Integrated DApps with the ETH blockchain with front-end tools like HTML, CSS, and JavaScript to enhance UX.
- Utilized Solidity to design, test, and deploy secure and transparent smart contracts on the Ethereum platform.

Upcoming ("Wemeet" Mobile Application Startup)   **Seoul, South Korea**
Front-End Development Intern   *Jun 2020 - Aug 2020*
- Acquired hands-on experience in responsive web design, including testing and implementation of HTML, CSS/Bootstrap for various devices. Additionally, gained a comprehensive understanding of the Model-View-Controller (MVC) arch.
- Strengthened mobile application dev skills by participating in workshops focused on IOS Swift, and Full Stack Dev.

Defense Security Agency (Military)   **Seoul, South Korea**
Signals Intelligence Officer and English Interpreter   *Aug 2017 - Jun 2019*
- Assisted in translation & interpretation between the researchers at Defense Security Agency (DSA) and technicians from General Dynamics & the Espy Corporation; Gained insight in signal intelligence field, technologies for antenna, wireless communication.
- Received a Letter of Appreciation from the National Security Agency (NSA); Squad Leader.

PROJECTS

Machine Learning for Finance (Coursework from Columbia University)   **New York, NY**
Personal Project   *Jan 2023 - Present*
- Currently implementing machine learning algorithms for financial data analysis and decision-making, leveraging Python libraries such as NumPy, Pandas, and scikit-learn, to achieve improved trading, investment management, and consumer banking outcomes.
- Developing proficiency in accessing, cleansing, and analyzing financial data using APIs in Python, and gaining a foundational understanding of ML cloud technologies to drive data-driven solutions for complex financial problems.

Web Development Bootcamp (Udemy Course)   **New York, NY**
Personal Project | Certificate of Completion, Ref: 0004, 2023   *Jan 2023 - Apr 2023*
- Successfully completed "The Complete 2023 Web Development Bootcamp" with Dr. Angela Yu, expanding web development skills, including Web3 DApp development, ICP live blockchain deployment, custom crypto token creation, and building NFT marketplaces.
- Certificate URL: https://www.udemy.com/certificate/UC-6e1e772f-7e8d-46d7-9e22-d9bb033cc749/