Juno Kim

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Education

University of Pennsylvania Philadelphia, PA
M.S.E. in Computer Science - (4.0/4.0) *Expected Graduation May 2027*

University of Pennsylvania Philadelphia, PA
B.S.E. in Computer Science, Minor in Math - (3.8/4.0) *Expected Graduation May 2027*

Coursework: Data Structures & Algorithms I & II, Statistics, Linear Algebra, Convex Optimization, Scalable & Cloud Computing, Signal & Information Processing
Organizations: Penn Blockchain (Development Committee), Wharton Undergraduate Finance and Technology Group, Machine Learning Research Group, Sigma Phi Epsilon Fraternity (VP of Communications)

Experience

Palantir June 2026
Incoming Software Engineering Intern

Standard Chartered Ventures (Libeara) May 2025 – Present
Software Engineering Intern

- Led QA development for by developing automated Playwright testing suite with unit tests, integration tests, and E2E testing, reducing evidence collection times by 35%
- Integrated with RWA.xyz by implementing API call and serverless functions, increasing token visibility for shareholders and improving discoverability on third-party platforms

Orion Advisor Solutions June 2024 – Sep. 2024
Business Intelligence Intern

- Automated financial report comparison for 150+ advisors by developing an internal OCR Python tool, increasing processing speed for 8,000+ documents
- Accelerated the migration of core SaaS repository to an updated database, expediting data access times by 50%

Lockheed Martin June 2022 – July 2023
Software Engineering Intern

- Simulated co-alignment of AIA images to IRIS rasters for 100M+ solar scans by developing and training a U-Net CNN (NumPy, Keras, Tensorflow) with LMSAL's high performance cluster
- Increased raster analysis accuracy by 27% by using the simulated scans for extraction of physical variables used in various research studies

The Learning Agency Lab June 2021 – June 2022
Data Science Intern

- Directed data acquisition for 14,000+ entries in multi-modal PERSUADE educational dataset, developing Python library for large-scale text corpora audits using NLTK and Pandas, enhancing data quality and accessibility
- Created NLP model to analyze hierarchical sentence structure to provide personalized feedback for standardized student writing assessments using Python, achieving an 87% accuracy rate

Projects

Pennstagram | *React, Node/Express, AWS, ChromaDB, Apache Kafka, Spark, Langchain, Docker, Git*

- Built a scalable Instagram-style web app with React supporting real-time social feed using Kafka, hosting backend services on EC2 with Docker, image upload to S3, and RAG chatbot by integrating Langchain
- Enabled efficient personalized content ranking using Spark-based adsorption algorithm by processing graph data on Apache Spark and streaming updates with Kafka.

Relevant Skills

Programming Languages: Python, Java, C/C++, HTML/CSS, JS, TypeScript, SQL, Rust, Go, Solidity, OCaml
Libraries & Frameworks: Pandas, NumPy, Tensorflow, OpenCV, Matplotlib, React.js, Node.js, Jest, Playwright
Tools: Git, AWS, Docker, Apache (Spark, Kafka), MongoDB, Helm, Terraform, Azure, Kubernetes