Seok Yim (Noah)

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**Education Rutgers University**, New Brunswick New Jersey

B.S. in Computer Science, Minor in Data Science Class of 2024

**Cumulative GPA**: 3.99 **Major GPA:** 4.00

**Related Coursework**: Systems Programming, Software Methodology, Principles of Information and Data Management, Intro to Data Science, Deep Learning, Regression Methods

**Skills** Java, Python, React, Javascript, TypeScript, AWS, Docker, SQL, GitHub Actions, R, C

**Experience**  Undergraduate Research Assistant March 9th, 2022 - Jun 8th, 2022

*Rutgers University, New Brunswick*

* Conducted tests for benchmark applications on Kubernetes in a research project dealing with reducing delays between microservices within a containerized system. Identified and debugged issues in YAML configuration files.

**Projects** Social Media Website for Tekken 8 May 26th, 2024 - Jun 9th, 2024

* Created a responsive full-stack web application by using Django for the back-end RESTful API, React.js with Tailwind for the front-end, GitHub Actions for CI/CD, and AWS cloud for deployment
* Incorporated NLTK in Python for sentiment analysis to automatically censor inappropriate posts

Steam Data Pipeline Mar 3rd, 2024 - Mar 10th, 2024

* Constructed a data pipeline in Python that automatically scrapes, cleans, stores, and visualizes game data collected from Steam and its API for data analysis
* Utilized selenium and Scrapy for web scraping, Apache Superset for data visualization, MySQL as DBMS, and AWS (EC2 and RDS) with Docker for deployment

Self Learning Tetris AI Feb 25th, 2024 - Mar 3d, 2024

* Designed a Tetris game in Java and employed machine learning in Python to construct an AI that teaches itself to play the game through DQN
* Achieved an everlasting Tetris AI using neural networks in Pytroch

Chess on Android Nov 23rd, 2021 - Dec 13th, 2021

* Utilized Android Studio and Java to develop a multiplayer chess app featuring regular gameplay, viewing game history, real-time game replays, etc
* Built the GUI with XML files and implemented basics of Android app development like app data serialization and event handling

**Awards** 1st place in the 2021 Rutgers Quinlan Competition

* Achieved the highest average prediction accuracy amongst 140 total participants in 3 separate data prediction challenges by building models with machine learning in R

Hall of Fame in Data 101

* Qualified as one of the Data 101 course’s Hall of Fame members through academic excellence and top records in data science projects.

**Certificates** AWS Certified Cloud Practitioner Mar 20th, 2024 - Mar 20th, 2027