Christopher Kazakis

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Education

BACHELOR OF ARTS | DECEMBER 2020 | UNIVERSITY OF VIRGINIA

- Majors: Computer Science, Statistics
- 3.96 Major GPA | 3.87 Cumulative GPA
- Related coursework: Algorithms, Theory of Computation, Data Structures
- Extracurriculars/Achievements: Dean's List (3 semesters), Chess Club, Machine Learning Club, Debate

HIGH SCHOOL DIPLOMA | MAY 2017 | NORFOLK ACADEMY

- 4.0/4.0 GPA
- SAT: 1520
- Extracurriculars: National AP Scholar, Varsity Crew Captain, International Relation Club, Model NATO

Experience

QUANTITATIVE RESEARCHER | HILLSBOROUGH CAPITAL | SUMMER 2019, SUMMER 2020

- Created high-volume alert system with **Python** and **SQL** which has motivated hundreds of trades per month for over a year
- Built long-short term memory (LSTM) model in **Keras** to predict changes in behavior of front-month SPX e-mini futures
- Searched for patterns in market data with Google Colab using neural networks, support vector machines, and regression

STUDENT | FORGE DATA SCIENCE BOOTCAMP | JANUARY 2019 – JUNE 2019

- Published Medium articles on and gave presentations about topics such as neural networks and time series analysis
- Worked in small teams to design interactive Jupyter notebooks to teach over 40 students regression and web scraping
- Learned basics of data collection, cleaning, and analysis using **Pandas**, **NumPy**, **Matplotlib** and other Python packages

STORE MANAGER | BEADS AND ROCKS | JUNE 2017 – DECEMBER 2019

- Assisted roughly 50 customers per day in finding products from a large and diverse inventory to meet their specifications
- Opened and closed storefront 5 days a week, handled transactions, kept financial records, and managed store inventory

Projects

KEEPING TIME | FALL 2021

- Made Chrome Extension using **JavaScript** and **HTML** to help users achieve goals with site blockers, timers, and to-do lists
- Remotely trained NLP 'AI inspirational quote generator' using Spell on a 90,000-quote corpus scraped with **Selenium**
- Created chatbot with **jQuery** which uses Chrome messages to alter to-do lists and timers on other HTML pages

MIPS PROCESSOR | SPRING 2020

- Created cycle-accurate MIPS processor in **C++** program, using bitwise operations to decode integers into instructions
- Implemented both single cycle and 5-stage pipelined model, with data hazard detection, forwarding, stalling, and branching

POKEMON AI | FALL 2019

- Coded various competing decision agents (random, reflex, min-max) to select the best moves for Pokémon battles
- Trained deep learning agent with PyTorch to pick optimal Pokémon teams using results from battles to calculate loss

Skills

Python | C++ | R | SQL | JavaScript | HTML | CSS