Gannon Peebles

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EDUCATION

Columbia University in the City of New York   New York, NY

Computer Science and Statistics, **B.A. GPA:** 3.63/4.00   September 2022 - May 2026

Relevant Coursework: Data Structures in Java, Intro to Computer Science in Java, Computer Science Principles, Calculus-Based Statistics, Multivariable Calculus

Organizations: Ron Brown Scholar Program, ColorStack, Lion Fund, Emerging Scholars in Computer Science

TECHNICAL SKILLS

Programming Languages: Java (Advanced), Python (Intermediate), C (Learning), HTML (Learning), CSS (Learning)
Tools: NumPy, Pandas, Scikit-Learn, Matplotlib, Git
Applications: Visual Studio Code, Jupyter, Google Collab, Microsoft Office, Bloomberg

PROFESSIONAL EXPERIENCE

Sumeru Equity Partners   San Mateo, CA
Incoming Private Equity Analyst Intern - SEP Fellows   Summer 2023
Work alongside Sumeru's private equity associates and enterprise technology companies' executives to learn fundamental financial analysis skills and dive into the world of technology investing.

Jane Street   New York, NY
Jane Street Academy of Mathematics and Programming   July 2022 - August 2022
Participate in the inaugural summer of AMP as one of 40 students selected nationwide. Focused on studying probability, statistics, combinatorics, game theory, and computer programming, along with applications in quantitative finance
Designed and implemented efficient algorithms for solving mathematical puzzles and problems using Python strings, loops, conditionals, lists, and dictionaries.

PROGRAMMING PROJECTS

Customer Credit Prediction Model   New York, NY
Independent Programming Project - Python   April 2023 - May 2023
Cleaned a CSV data set using NumPy quantitative variable assignment and back-end manipulation to allow proper scaling with StandardScaler for testing, training, and validation data sets. Utilized Python, NumPy, Pandas, Matplotlib, and Scikit-Learn K-Nearest Neighbors to create a model that would predict if a person's credit was strong or poor based on various categories (employment, property magnitude, job, etc.)

GPS for U.S. Cities   New York, NY
Class Programming Project - Data Structures in Java   April 2023 - May 2023
Designed and implemented Dijkstra's algorithm on 65+ pairs of cities. Given a GUI, the user can choose a starting point and a desired destination, which will then produce the shortest possible path through various cities calculated by recursive adjacent edge selection through a private helper method.

Spell Checker of Text Files   New York, NY
Class Programming Project - Data Structures in Java   March 2023
Used FileIO to read and run methods on .txt files. Designed a method using Hashtables and Hashsets to read a dictionary file with over 900K words and store the correct words, disregarding punctuation and special characters. Gathered all the incorrect words in a .txt file using hash functions and then provided suggestions based on removing characters, adding characters, and swapping adjacent characters.

Financial Instrument Trading Bot   New York, NY
Collaborative Programming Project - Jane Street   August 2022
Built an interactive, dynamic trading bot using Python that traded bonds, equities, and other financial instruments on Jane Street's simulated markets. Outlined mathematical methods and various data structures including lists and methods of analysis to produce a profitable trading bot by margins.