Grant Wells

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EDUCATION

University of Pennsylvania, School of Engineering and Applied Science — Philadelphia, PA
Computer Science, BSE (Minors in Math and Data Science) — *Anticipated 2026*
Relevant Coursework: Discrete Math, Data Structures and Algorithms, Multivariable Calculus, Linear Algebra, Computer Systems, Probability, Big Data Analytics, Artificial Intelligence, Haskell Programming, Software Design/Engineering, Databases, and Operating Systems
GPA: 3.7

EXPERIENCE

Capital One — McLean, VA
Software Engineering Intern — *Summer 2025*
- Will be working under the Card Tech line of business specifically on the Platform as a Service (PaaS) team building full stack machine learning applications

TAG Infosphere — New York City, NY
AI Consulting Intern — *Summer 2024*
- Conducted in-depth research on AI startups aligned with TAG Infosphere's taxonomy
- Identified and evaluated potential vendors for each component of the AI taxonomy, ensuring their products met client needs
- Collaborated with clients to understand their challenges, provided tailored AI solutions, and contributed to the enhancement of the company's AI information database

Marathon Asset Management — New York City, NY
Data Analyst Intern — *Summer 2023*
- Analyzed integrated WAC data for various drugs using Bloomberg to examine launch curves to uncover market trends and discover investing opportunities
- Performed case studies on specific drug indications to inform investing
- Developed predictive tools to predict drug launch success

Lloyd Group — New York City, NY
Automation & Development Intern — *Summer 2022*
- Created an AI chatbot using Microsoft Azure Bot Framework Composer and Power Virtual Agents to help employees navigate the company's OneNote knowledgebase
- Automated internal tasks using Microsoft Power Automate to impact company efficiency
- Wrote Python scripts to automate uploading new data from PowerBI to Excel

PROJECTS

PennOS — *Spring 2025*
- Built a simple guest operating system from scratch in C with a kernel, scheduler, file system, and shell for user interaction

HGit — *Fall 2024*
- Wrote a lightweight clone of Git using Haskell supporting several of the primary porcelain commands including commit and branching functionality

ILMUNC App — *Fall 2024*
- Developed a cross-platform Flutter and Firebase-based app to manage UPenn's Model UN conference events, with features for announcements, delegate services ticketing, and event registration

NBA Sports Betting Predictor — *Spring 2024*
- Built models using Gradient Boosting Regression and Random Forest Regression to predict the amount of points a given player will score in an upcoming game based off numerous features
    - Implemented Randomized Search Hyperparameter Tuning to find the best possible parameter combinations to improve predictions

SKILLS

Proficient: Java, Python, Probability, Pandas, NumPy, RegEx, Microsoft Office Suite, Microsoft PVA, Power Automate, Scikit
Explored: Haskell, C, JavaScript, TypeScript, React, Golang, Flutter, Tensorflow, PyTorch, SQL

AWARDS

- Winner of Princeton Day School's Computer Science Award — *Spring 2022*
- Inducted into Princeton Day School's Cum Laude Society — *Spring 2022*