Matthew Monn

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Profile

Junior majoring in Computer Science looking to gain positive work experience from an internship.

Qualifications

- Knowledge in C++, Python, Java, and Assembly
- Ability to adapt quickly
- Strong communication and interpersonal skills
- Effective teamwork and leadership skills

Education

B.S. Kutztown University of Pennsylvania   Kutztown, PA.
Major: Computer Science   May 2026
GPA: 3.750

Related Coursework

- Data structures, assembly language, advanced scientific programming, IT systems.

Related Experience

Custom Computer Building Business
- Initiated my idea into a Squarespace website for customers to send in a computer build form to design the perfect computer to their needs.
- Integrated services assisting bios and hardware errors, driver updates, installing and upgrading computer hardware, OS installation, and application/software updates to maintain security of customer's computer.
- Implemented disclaimers and shipping options to serve local and national customers to gain trust and recommendation for the expansion of the business.

Eagle Scout Project
- Directed the design of a metal concession stand for the purpose of producing revenue for North Codorus Township by intensively working under budget and on time.
- Supervised the project from March 30th, 2019, to May 11th, 2019, executing 74.00-man hours by managing, logging, organizing, and building the project.
- Accomplished Eagle Scout Rank July 16th, 2019.

Projects

Crime reports | *Python*
- Investigated crimes reported in Chicago and Los Angeles between the years 2020 to 2023, analyzing trends of violent and misdemeanor crimes.
- Utilized Jupyter Notebook, Pandas, NumPy, and Matplotlib.pyplot for seamless data collection and representation of crime data in horizontal bar graphs, bar graphs, pie charts, and line graphs.
- Ultimately finding each city's top 3 crimes, percentage of total contribution of national crime, percentage of arrest in crimes, stolen vehicle as highest crime committed in Los Angeles, and generalized theft as highest crime committed in Chicago.

Campus Involvement

KTech club   Jan. 2024-Present