Penny Wang

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EDUCATION

Queens College, City University of New York (CUNY), Flushing, NY
Bachelor of Science in Computer Science   Expected Dec 2026
GPA: 3.85/4.00
Relevant Coursework:
Data Structures, Discrete Structures, Object-Oriented Programming in C++, Object-Oriented Programming in Java

SKILLS

Programming: C++, Java, HTML, CSS, Python
Technologies: Git/GitHub
Certification: CompTIA A+ (Issued Sep 2023)
Spoken Languages: Mandarin (Conversational)

PROJECTS

Avarice, QC Hack Knight | [**devpost.com/software/avarice**](devpost.com/software/avarice)   Mar 2025
- Collaborated in a team of 4 to design an AI-powered financial assistant app that provides users with personalized spending recommendations.
- Designed the user interface and created wireframes and mockups in Figma to support development.

RELEVANT EXPERIENCE

CUNY Tech Prep | New York, NY
Data Science Fellow   Jul 2025 – Present
- Participate in weekly courses and learn in-demand technologies like Python 3, Jupyter Notebooks, Pandas, Numpy, Scikit-learn, and SQL.
- Learn industry best practices for exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modeling, data visualization, machine learning techniques, data science process, and big data.

Air Force Research Laboratory | Rome, NY
Data Science Intern   Jul 2024 – Aug 2024
- Surveyed various point cloud data sources including OpenTopography, NOAA Digital Coast, and 3DEP LidarExplorer.
- Visualized datasets using point cloud viewers – CloudCompare and Potree.
- Recorded key information about each source, including the type of collects (Lidar, DEM, Raster) and available point cloud data formats (LAZ, LAS, TIFF, GeoTIFF, ASCII).
- Documented metrics on specific point clouds, detailing metadata availability, point density, collection quality, RGB, classification, and altitude.

NYU Langone Health | New York, NY
Desktop Tech/Move Coordinator   Nov 2023 – Dec 2023
- Verified and documented 50+ pieces of equipment, ensuring accurate labeling and proper peripheral packing.
- Assisted in setting up 30+ workstations and offices – reconnected cables to PCs, daisy-chained monitors using DisplayPort, and optimized cable management with the installation of 20+ NeatLinks.
- Performed basic hardware troubleshooting on 30+ PCs – verified PC functionality, ensured monitors operated correctly, and confirmed cables were properly connected to the correct ports and outlets.

SUPPORTING EXPERIENCE

Queens Community House | Queens, NY
Culinary Worker   Jul 2023 – Aug 2023
- Completed hands-on culinary training and earned a Food Protection Certificate from NYC Department of Health.
- Prepared quality meals and collaborated with co-workers to ensure successful food service execution.

ASSOCIATIONS

Code For All   Feb 2024 – Present
Code.ReSolve()   Feb 2024 – Present
QC ISACA   Mar 2025 – Present