

Onkar Dhillon

SKILLS

Proficient: Java, C++, Python, Web Development, Google Suite, Excel, PowerPoint,

Intermediate: PHP, Computer-Aided Design, C, MySQL, Computer-Aided Manufacturing, Autodesk Fusion 360, Adobe Creative Cloud, Pandas

EDUCATION

Adelphi University, Garden City, NY – Candidate for B.S. in Computer Science

August 2022 – May 2026

I am on track to receive a B.S. in Computer Science in CyberSecurity and Software Engineering specializations.

High School for Construction Trades, Architecture, and Engineering, Ozone Park, NY – Advanced Regents Diploma 4.0 GPA

September 2018 – June 2022, Ozone Park, NY

Passed the NOCTI Exam

EXPERIENCE

IT Help Desk, Adelphi University – IT Technician

September 2024 – Current

- Collaborate with a team to resolve issues called in or walked into the desk.
- Occasionally do classroom calls to fix AV issues.

ASIME, Adelphi University – Research Assistant

July 2024 – August 2024

- Collaborated with an eight-person team to teach a group of high schoolers Pandas a Python library for use with datasets.
- Aided students in data cleaning and creating multiple Machine Learning models (Logistic Regression, k-Nearest Neighbors, and Decision Trees).

NYC FIRST, Stem Center at Cornell Tech – Program Coordinator | Previously STEM Instructor

July 2022 – July 2024

- Collaborated with a nine-person team to design and build a robot using 2D design (Adobe Illustrator, Autodesk Fusion 360, Cricut Design Space), and 3D fabrication (3D printers, laser cutters, CNC machines, powder coating, molding)
- Trained teachers of a new school to prepare them to be mentors of robotics teams as well as incoming first-year students of a new school to prepare them for a future in robotics (designing robots, understanding the competition, creating custom mechanisms, programming using Java)
- Designed and fabricated a U-channel structure organizer and a motor box organizer as an independent project