

Ayush Roy

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EDUCATION

University of Maryland

Bachelor of Science in Computer Science, Minor in Statistics

College Park, MD

Expected Graduation: May 2026

University of Pennsylvania (Coursera)

Fintech: Foundations and Application of financial Technology

Philadelphia, PA

May 2022 – June 2022

Clever Harvey

Junior MBA in Technology

Mumbai, India

Aug 2022 – Oct 2022

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), HTML/CSS

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: NumPy, Matplotlib, tkinter, pygame, Selenium, BeautifulSoup, CSV

EXPERIENCE

Tech Intern

Sansar Tec LLC

Sept 2022 – Oct 2022

New Jersey, USA

- * Created a program that automated the manual task of email attachment segregation
- * The program sorted the incoming mail attachments into folders in google drive by downloading and uploading the same.
- * Planned and Strategized potential use cases and benefits of the program

Research Intern

Birlasoft Inc

Sept 2022 – Oct 2022

Raleigh, NC

- * Performed research on the technological viability of the In-Car payment system
- * Devised possible business use cases and implementation strategies
- * Strategized ways to achieve data security

PROJECTS

Product Price Tracking Tool | *Python, BeautifulSoup, Requests, Csv*

July Sept 2023 – Present

- Developed a dynamic "Price Tracking Tool" that extracts real-time product prices from e-commerce websites
- Created a database for storing and analyzing product price histories, facilitating trend analysis
- Implemented an email alert system for notifying users when product prices drop below preset levels

Password Manager | *Python, Tkinter, Binary Encryption*

June 2021 – December 2021

- Developed a secure GUI-based password manager with local storage
- Implemented an inbuilt strong password generator for enhanced security
- Utilized encryption algorithms to protect sensitive data

LEADERSHIP

Editor In Chief, School Newspaper and Magazine

Akshara International School

May 2019 – Feb 2023

Pune, India

- Recruited and mentored new members of editorial teams
- Proofread articles and determined the publication's tone
- During lockdown, updated the magazine to digital format

Junior Varsity Soccer Captain

Akshara International School

June 2018 – Oct 2021

Pune, India

- Lead team to various national tournaments
- Runner up in state-wide competition and won multiple city-wide tournaments
- Mentored and coached younger players