Cynthia Ogu

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SUMMARY OF TECHNICAL SKILLS

- Languages: Java, Python, React, PHP, SQL, HTML/CSS/JavaScript, C++
- • Systems: Microsoft Windows
- Software: XAMPP
- Development Tools: Eclipse IDE, Visual Studio, RStudio, Microsoft Office
- Certifications : Google AI Essentials – Google (2025) , Prompting AI – Google (2025)

EDUCATION

Bachelor of Science, Computer Science (CS), Towson University, Towson, MD 5/2026

- Cumulative GPA: 3.57/4.0
- **Honors:** Upsilon Pi Epsilon Honor Society, Dean's List (2022, 2023, 2024, 2025), Towson club's community outreach
- **Related Coursework:** Introduction to Java 1 & 2, Calculus 1 & 2, Data Structures and Algorithm Analysis, Software Engineering, Object- oriented Design and Programs, Discrete Math, Statistics, Cryptography, Database management, Foundations of Data Minning, Software Quality Assurance, Mobile Applications: Android, Web Development and Public Speaking.

RELATED EXPERIENCE

Polynomial Visualization Website – HackHounds 2025 Participant
| April 2025 | Baltimore, MD

- Collaborated with a team of three to design and develop an interactive web platform for visualizing polynomial functions and their components in real time.
- Used HTML, CSS, Java, JavaScript, PHP, Regular Expressions, and MathJax with XAMPP for server hosting. • Navigated challenges such as input parsing, back-end/frontend integration, and visual logic display enhancing understanding of the SDLC under high pressure.

Daily Dupes Website with Database – Software Engineering Course Project
Participant | August - December 2024 | Towson University

- Worked in a team of four to design and deploy a website with a connected database using HTML, CSS, and PHP. • Followed the full SDLC: from planning, gathering requirements, and designing, to development, testing, and final deployment.
- Built a small relational database to support user interaction and content management

Freelancer Job Market Prediction Using ML Class
Project | Jan 2025 – May 2025

- Analyzed large datasets to predict freelancer success using EDA, feature engineering, and ML algorithms (Logistic Regression, Decision Trees, Random Forest, Neural Networks).
- Extracted actionable insights on earnings and job demand to guide freelancers and employers.

- Used R Studio for data manipulation and model evaluation, aligning with real-world AI applications.

LEADERSHIP AND AFFILIATIONS

President, Sister Scripters, Towson, MD 5/2024-9/2025

- Planned events for CS, CIS, IT majors such as professional panels, technology workshops, networking dinners and Social club building