

# Nethmee Perera

470-716-5997 | [nethu209@gmail.com](mailto:nethu209@gmail.com) | [linkedin.com/in/NethmeeD](https://linkedin.com/in/NethmeeD) | [github.com/nethu98](https://github.com/nethu98) | [nethmeeperera.xyz](https://nethmeeperera.xyz) | Atlanta, GA

## Education

### Georgia State University

Atlanta, GA

*Bachelor of Science in Computer Science*

*Dec. 2025*

*Data Science Cert.*

major gpa: 3.5

**Relevant Coursework:** Data Structures and Algorithms, Software Engineering, Operating Systems, Database Systems, Cybersecurity, Web and App Development, Machine Learning

**Awards:** Dean's List (multiple times)

**Activities and Societies:** Girls Who Code, RISE Scholar, RTC, ACM, HackHERS 2023

## Technical Skills and Certifications

**Languages:** Python, Java, SQL, C, HTML, CSS, TypeScript

**Frameworks:** React, SwiftUI, Flask, Next.js

**Developer Tools:** Git, Open Ai Api, Gemini Api, Jupyter Notebook, Jira

**Libraries:** Pandas, NumPy, Matplotlib, Chart.js

**Certifications:** Python HackerRank, CodePath Intro to iOS Development, Arctic Summer Camp 2024

## Experience

### Software Engineering Fellow

Remote

*Headstarter AI*

*Aug. 2024 – Sep. 2024*

- Developed 5 AI-powered projects, including a Pantry Tracker, and Flash Card app using **Next.js**, **TypeScript**, **Google Gemini** and **Open Ai**

### Web Development Intern

New York, NY

*Horizon World Salon Inc.*

*April 2024 – July 2024*

- Member of the backend development team, supporting server-side functionality using **Flask**, **PostgreSQL**, and **REST API**.
- Participated in database schema design, API development for new web features, and front-end integration with **Webflow**.

### Undergraduate Student Assistant

Atlanta, GA

*Georgia State University - UAC*

*June 2022 – Present*

- Provided administrative support for the advisement center, and efficient management of appointments using **Navigate-EAB**, **Banner** software by Ellucian, and **Microsoft Office**.

## Projects

### House Price Predictor |

Jun. 10 -14 2024

- Built a data science project using **Python** with **pandas**, **Matplotlib**, and **NumPy** aimed at predicting house prices based on crime and education data.
- Retrieved crime data using the **FBI API** and used **ArcGIS** for zip code conversion through reverse geocoding.
- Prepared dataset by merging and cleaning house prices and education data CSV files using **pandas**. Implemented a **Random Forest Regressor** model to predict house prices based on the dataset.
- Visualized project insights with **Matplotlib**, providing clear graphical representations of analysis results.

### WordWizard |

Feb. 2024 – Present

- Developed an iOS word game app using **SwiftUI**.
- The app asks users to enter valid English words starting with a given letter. Then app generates a word starting with the last letter of the user's word and displays its definition using a **dictionary API**. This chain continues as users alternate creating words based on the previous word's ending letter.

### Hack The Classroom 2023 - EssayPro |

Sep. 2023 – Aug. 2023

- Developed a full-stack web application using **Python**, **Flask**, and **OpenAI GPT-3.5 API** to provide essay feedback. The application uses AI to grade essays and provide feedback for students and instructors.
- Implemented backend functionality for essay grading, integrating the OpenAI API and prompt mechanisms to ensure accurate outputs.