

Heeba Merchant

Atlanta, Georgia • heebamerchant@gmail.com • 4048619129 • [linkedin.com/in/heebamerchant](https://www.linkedin.com/in/heebamerchant)

EDUCATION

Georgia Institute of Technology

B.S. in Computer Science

Concentration: Intelligence and Media

Relevant Courses: Data Structures and Algorithms, Objects and Design, Project Design, Intro to AI, Perception and Robotics, Computer Organization and Programming, Software Engineering, Design Algorithms, Machine Learning, Computer Vision, Computer Graphics

Atlanta, GA

GPA: 3.5

Expected Graduation: May 2026

EXPERIENCE

Driven Software Solutions, HTML, CSS, JavaScript, Java, WordPress, Figma

Atlanta, GA

Software Engineer Intern

Aug 2022 – Dec 2022

- Redesigned company website with UX team, implementing JavaScript and responsive CSS that boosted user engagement by 25%.
- Built reusable HTML/CSS/JavaScript UI components ensuring brand consistency while reducing development time for new features.
- Engineered Java-based backend solutions that integrated with existing systems, enhancing data processing and expanding website functionality.
- Collaborated with senior engineers and UX designers to translate Figma prototypes into functional features, aligning with business goals.
- Created automated testing procedures for website components, identifying critical bugs pre-deployment and improving code quality.

PROJECTS

Email Phishing Detection, Python, Machine Learning libraries (scikit-learn, TF-IDF), Regex, Data visualization

Jan 2025-May 2025

- Developed ML-based phishing email detection system with 96.97% accuracy using SVM, Random Forest, and Naive Bayes.
- Engineered feature extraction for URLs, HTML tags, and suspicious keywords using regular expressions
- Optimized SVM model implementation using sequential minimal optimization, improving convergence and reducing false negatives
- Trained and evaluated models using 14,920 training samples and 3,730 testing samples with a 15,000-word vocabulary.

Sympli, React, Tailwind CSS, shadcn/ui, Recharts, Typescript, Node.js, Firebase, Google Gemini

Feb 2025-Feb 2025

- Won 3rd place out of 250+ teams in the Generative AI Track at Hacklytics 2025, a 36-hour data science hackathon
- Developed a healthcare application for chronic illness management enabling real-time patient symptom reporting for medical providers.
- Integrated Google's Gemini 2.0 AI to create an intelligent chatbot interface that collects and processes detailed patient symptom data, improving the accuracy of health monitoring.
- Implemented interactive data visualization using Recharts to transform complex symptom data into accessible graphs, enhancing communication between patients and healthcare providers.

Flight-Delayed Prediction, React, Tailwind CSS, Node.js, Firebase, Google Cloud Functions

Aug 2024-May 2025

- Developed Chrome extension with data extraction pipelines and Google OAuth/Firebase for authentication and storage.
- Implemented flight provider web scraping and coordinated ML/UI integration with frontend components.
- Coordinated with ML/UI teams to integrate prediction models with frontend components, for seamless data flow between systems.
- Created technical documentation and testing environments, ensuring clear project specifications and maintaining code quality.

Effective Team Dynamics Workshop App, React, SQL, Node.js

Aug 2024- May 2025

- Developed an interactive web app with Gallup Inc. that digitized team activities and information management.
- Placed 1st at the Spring 2025 Georgia Tech Capstone Expo.
- Designing user interface in Figma and implementing responsive layouts using CSS and React components.
- Structured SQL database schema to efficiently store and analyze participant assessment data.

Atlanta Food Finder, HTML, CSS, Javascript, Python, Django

May 2024 – Jul 2024

- Developed a web app that helps users discover restaurants in Atlanta by filtering cuisine, distance, and ratings.
- Implemented the user interface using HTML, CSS, and JavaScript, ensuring a responsive and user-friendly experience.
- Integrated Google Maps API for location-based restaurant search and Google Reviews to display user feedback.
- Collaborated on backend development with Django, using Python to handle data management and API connections.

CAMPUS & COMMUNITY INVOLVEMENT

Director of Marketing, BDBI – Big Data Big Impact

Aug 2024 - Present

- Designed posts and promotional content for events across all social media platforms, increasing attendance by 30%
- Utilized Canva, Figma, and Adobe Photoshop to create visually engaging designs.
- Collaborated with other clubs at Georgia Tech to co-host and design events, expanding outreach and engagement.

SKILLS & LANGUAGES

Skills: Python, Node.js, React, Tailwind, shadcn/ui, Java, HTML, CSS, JavaScript, Google Cloud Platform, Pytorch, Python Numpy, C, Assembly, Figma, Firebase, WordPress, Django

Languages: English, Hindi, Urdu, Afrikaans

HONORS AND AWARDS

Dean's List

May 2023, Dec 2021, Jul 2021

President's List

May 2022, Dec 2022