Vishnu Varma

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Education

Georgia Institute of Technology Atlanta, GA
Bachelor of Science in Computer Science *Expected Graduation: May 2026*

Courses **GPA: 4.0**
Data Structures and Algorithms, Computer Organization and Programming, Machine Learning, Intro to AI

Technical Skills

Languages: Java, Python, C/C++, Swift, Kotlin, HTML/CSS
Frameworks: JavaFX, Beautiful Soup, Flask, JUnit, PyTorch, Pandas, Numpy, RESTful APIs
Developer Tools: Git, Agile Development, Amazon Web Services
Certifications: AWS Certified Cloud Practitioner

Experience

Meta May 2025 – August 2025
Software Engineering Intern *Menlo Park, CA*

- Developed a home-screen shortcut feature enabling seamless account switching on the Facebook, Instagram, and FBLite Android apps using Kotlin and PHP
- Launched the shortcut feature to a **20M**-user Facebook test group with over **40%** becoming daily active users
- Deployed an enhanced home-screen shortcut feature to a **40M**-user Instagram test group, enabling both account switching and navigation to specific direct messages, with over **60%** becoming daily active users
- Collaborated cross-functionally with designers, product managers, and senior engineers to refine feature specifications, provide weekly progress updates, and align on technical decisions to ensure on-time delivery

College of Computing @ Georgia Tech May 2024 – May 2025
Lead Teaching Assistant *Atlanta, GA*

- Lead Teaching Assistant for CS 2340: Objects and Design, managing **1240** undergraduate students
- Collaborated with **20+** other teaching assistants to create, review, and grade assignments on a weekly basis
- Hosted office hours 3 times a week and created example code to help teach students

Projects

Machine Learning NFL Game Predictor | *Python, SciKit, Pandas, NumPy* August 2024 – December 2024

- Developed multiple ML algorithms to predict the outcome of NFL games based on a dataset of **5000+** prior games
- Implemented the K Means Clustering, Logistic Regression, and Random Forest ML algorithms with a peak accuracy of **90%**
- Utilized pandas and NumPy to preprocess the data set and SciKit Learn to code each algorithm

The Community Restoration Project Website | *Python, ReactJS, TypeScript, Firebase* September 2024

- Developed a website for the Community Restoration Project (CRP) in the Morgan Stanley Hackathon
- Created an LLM chatbot using BotPress for users to ask questions to and be directed to pertinent CRP resources
- Utilized the K Nearest Neighbors machine learning algorithm to find clusters of users with similar interests to help foster connections among these users
- Implemented a Firebase database to authenticate users and store user profile information
- Received the **2nd place award**

Business Finance Tracker | *Python, HTML/CSS, JavaScript, Pandas* May 2024 – June 2024

- Developed a web app to track the finances of various publicly traded companies, such as Pfizer, and used a Large Language Model to analyze the effects of the COVID-19 pandemic on the company
- Implemented BeautifulSoup to scrape the 10-K financial documents of the queried company to find various financial information, such as revenue, and used Pandas to store and clean the data
- Used Python and Flask to develop the backend logic of retrieving the company's financial information and importing them into the UI
- Created a front end using HTML/CSS and JavaScript to create an aesthetically pleasing, lightweight user interface