

ANUPAMA BHATTA

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EDUCATION

UNIVERSITY OF MICHIGAN, Ann Arbor, MI

May 2025

Master of Science in Information, Big Data Analytics Pathway

Coursework: Programming and Networks, Statistics and Data Analysis, Git and Servers, SQL & Databases, Data Manipulation and Information Visualization, Natural Language Processing (NLP), Data Mining, Applied Data Science

WESLEYAN COLLEGE, Macon, GA

May 2020

Bachelor of Arts in Applied Data Analysis, Minor in Economics | President's Scholar; Magna Cum Laude

Coursework: Computer Science and Programming, Data Analysis, Statistical Methods, Algorithms, Econometrics, Linear Algebra, Multivariable Calculus, Physics, Web Development, Digital Culture

SKILLS

Programming Languages: Python, R, SQL, Java, JavaScript

Machine Learning & Analytics: pandas, NumPy, scikit-learn, NLTK, PyTorch, TensorFlow, XGBoost

Data Visualization & Databases: Tableau, Power BI, Matplotlib, Altair, MySQL, MongoDB

Development Tools: Git, GitHub, Jupyter, VS Code, Docker, React, Next.js

Certifications: Google Data Analytics Professional Certificate, Advanced Google Analytics Certificate

EXPERIENCE

UNIVERSITY OF MICHIGAN, Ann Arbor, MI

IA/Summer Programmer/Graduate Student Instructor – SI 506 Programming I

January 2024 – Present

- Develop and review weekly Python coding assignments with detailed README instructions, solution files and grading scripts to support student learning.
- Offer flexible, on-demand support via Slack, promptly addressing student inquiries and providing personalized guidance during office hours to foster a positive learning environment.
- Collaborate closely with the instructional team on GitHub to streamline coursework delivery, including lessons, problem sets, exams, and bonus challenges, ensuring efficient and consistent course support.

Information Visualization Summer Intern – Social Media Histories (SMH)

May 2024 – August 2024

- Designed and implemented an interactive timeline to depict the evolution of social media platform designs under the guidance of Dr. Sarita Schoenebeck at the School of Information; created a dynamic, chronological visualization using Timeline JS to effectively communicate historical progression of platform designs.
- Collaborated with Design and Backend teams to integrate the timeline into the project website, enhancing user experience and advancing the project's mission of documenting social media design history through impactful, user-centered visual storytelling.

Graduate Student Instructor – SI 325 Mathematics for Information Analysis

August 2023 – December 2023

- Delivered timely and accurate assignment feedback, proactively identifying improvements in answer keys and collaborating with the instructor to enhance assessment quality.
- Conducted weekly one-hour office hours to break down complex topics, offering personalized guidance and adapting teaching approaches to diverse learning styles.
- Attended weekly classes to facilitate a smooth learning experience, regularly initiating discussions about challenging questions with the instructor and recommending course material adjustments to address student needs effectively. Beta tested exams with detailed feedback to improve assessment clarity.

LOYAL, Atlanta, GA

August 2020 – May 2023

Senior Solutions Analyst

- Led a dynamic team in managing the enterprise source-of-truth data platform to ensure accurate healthcare provider and facility information distribution across third-party integrations such as Google and Bing.
- Implemented API integrations and SEO strategies to enhance client presence across major search engines and healthcare-specific platforms.
- Served as primary liaison between clients and internal teams (Sales, Engineering, and Design) by driving collaborative efforts to define project requirements and expand integration channels based on client needs and industry standards.

LEADERSHIP

School of Information Master's Association (SIMA), Ann Arbor, MI – *Member*

August 2023 – May 2025

Girls Who Code WesCo College Loop, Macon, GA – *Founder & President*

November 2019 – May 2020

AXIS: The International Students' Club, Macon, GA – *President*

August 2019 – May 2020