

# ANUPAMA BHATTA

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## EDUCATION

UNIVERSITY OF MICHIGAN, Ann Arbor, MI

May 2025 (Expected)

*Master of Science in Information, Big Data Analytics Pathway*

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

**Affiliations:** School of Information Master's Association (SIMA) – Member

WESLEYAN COLLEGE, Macon, GA

May 2020

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

**Coursework:** Linear Algebra, Probability Theory, Statistical Methods, Computer Science and Programming, Data Analysis, Algorithms, Optimization, Econometrics, Web Development, Digital Culture

**Affiliations:** Girls Who Code WesCo College Loop – Founder & President, AXIS: The International Students' Club – President

## SKILLS

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

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

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

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

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

## EXPERIENCE

UNIVERSITY OF MICHIGAN, Ann Arbor, MI

*Graduate Teaching Assistant*

August 2023 – Present

→ *SI 568: Becoming a Data Scientist* (January 2025 – Present)

→ *SI 506: Programming I* (January 2024 – December 2024)

→ *SI 325: Mathematics for Information Analysis* (August 2023 – December 2023)

- **Design and develop course materials and technical solutions** including weekly assignments, problem sets, and Python auto-graders that provide targeted feedback to 250+ students. **Create practical exercises** that bridge theoretical concepts with real-world applications in data wrangling, manipulation, and data-driven problem solving.
- **Foster a collaborative learning environment** through responsive support on Slack, detailed code reviews during in-person office hours, and constructive feedback on assignments. **Provide hands-on support** to help students debug code, optimize solutions, and build confidence in their technical problem-solving abilities.
- **Maintain course infrastructure** through Git version control and Canvas, ensuring seamless delivery of materials and assignments. **Work closely with faculty** to iterate on course content, incorporating student feedback and cutting-edge practices in computational thinking, data science methodologies, and machine learning applications.

*Information Visualization Intern*

May 2024 – August 2024

- **Designed and developed an interactive timeline** to illustrate the evolution of social media platform designs, utilizing Timeline JS under the guidance of Dr. Sarita Schoenebeck. **Created a dynamic, chronological visualization** to effectively communicate historical progression of platform designs.
- **Collaborated with design and backend teams** to integrate the timeline into the project website and proposed creative assets including original logo designs. **Implemented user-centered design solutions** to advance the project's mission of documenting social media design history through engaging visual storytelling.

LOYAL, Atlanta, GA

*Senior Solutions Analyst*

May 2022 – May 2023

- **Led a team** to manage the enterprise source-of-truth data platform, ensuring accurate distribution of healthcare provider and facility information across integrations with platforms like Google, Bing, and other healthcare-specific platforms. Additionally, **drove API integrations and SEO strategies** to boost client visibility.
- **Oversaw team operations** including recruitment, workflow management, and performance reviews, while also **collaborating with cross-functional teams** (Sales, Engineering, Design) to define project requirements and execute client-focused integrations.

*Solutions Analyst*

August 2020 – April 2022

- **Improved data accuracy and operational efficiency** by implementing process enhancements, troubleshooting integration issues, and supporting the deployment of tailored solutions across major platforms like Google and Bing.
- **Collaborated closely with clients and internal teams** to define project needs, expanded integration channels, and ensured seamless execution of client solutions across technical and strategic efforts. **Streamlined workflow processes** resulting in 30% reduction in integration deployment time.