

Amanda Yee

Web Developer | Data Scientist

I recently earned my Master's in Software Development and am excited to transition into a software engineering role. With 7+ years of experience as a data scientist, I have a strong foundation in problem-solving and keen attention to detail, consistently focusing on delivering high-quality results. I am able to quickly learn new technologies which will allow me to make an immediate impact. I am eager to contribute to a dynamic team and leverage my skills to be successful in a software development role.

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📍 Brooklyn, New York

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🐙 github.com/amanda-yee/

🌐 amandayee.dev

EXPERIENCE

Freelance

Web Developer – New York, NY **Feb 2025 - Present**

- Developed a single-page website for a local business using React.js, ensuring a mobile-friendly design

SiriusXM

Senior Manager, Data Science – New York, NY **Feb 2024 - Present**

- Built a feature engineering pipeline using SQL and Python, enabling real-time data availability for ML models and removing dependency on other teams
- Migrated the ML model build pipeline to a cloud-based platform, improving scalability and efficiency
- Automated a manual organizational process with user-friendly Python notebooks, reducing processing time by 50%
- Collaborated cross-functionally with product managers, engineers and internal stakeholders to deliver successful outcomes for the business

Manager, Data Science – New York, NY **Aug 2022 - Feb 2024**

- Developed and productionized a customer segmentation model, which is adopted widely across the business for targeted marketing and analytics
- Led A/B testing for UI / UX design, reducing online cancellations by 9 ppt

Quantium

Associate Analyst – Brisbane, Australia **Feb 2018 - Nov 2019**

Data Scientist / Consultant – New York, NY **Nov 2019 - Jul 2022**

- Consulted for the leading global retailer to develop multiple ML models (GBMs) to forecast product demand, powering localized recommendations across 4500+ stores
- Delivered a proof-of-concept range localization algorithm for a leading drinks retailer, projecting a maximum revenue lift of \$890K based on trial store recommendations
- Automated manual pipeline checks to streamline the model review process, enhancing product scalability as it is rolled out across the business
- Worked in an Agile team to develop and deploy ML models for a client, participating in sprint planning, daily stand-ups and retrospectives, while providing clear communication to technically diverse stakeholders

EDUCATION

Boston University – Boston, MA **2023 - 2024**

Master of Science in Software Development

- GPA: 3.97

Bond University – Gold Coast, Australia **2015 - 2017**

Bachelor of Actuarial Science

- Honours thesis published in the Journal of Forensic and Investigative Accounting
 - Title: [Detecting Financial Statement Fraud: An Alternative Evaluation of Automated Tools Using Portfolio Performance](#)
- Member of the Bond Actuarial Students' Society and Bond Business Students' Association

SKILLS

Languages

- HTML
- CSS
- JavaScript
- Python
- SQL

Libraries & Frameworks

- React.js
- Node.js
- Jest

Data & ML

- MongoDB
- Machine learning algorithms (GBMs)

Other

- Git
- Tableau
- Responsive design
- Scrum (Agile)

INTERESTS

- Live music
- Thrifting
- Snowboarding
- Ballet
- Crocheting

PERSONALITY

Myers-Briggs: ESFP

Gallup Top 5 StrengthsFinder:

- Adaptability
- Positivity
- Harmony
- Woo
- Communication