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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EXPERIENCE

SiriusXM

Senior Manager, Data Science – New York, NY   Feb 2024 - Present
- Automated the manual process of persisting tables to Databricks using user-friendly Python notebooks, reducing processing time by 50% per table
- Built our team's feature store pipeline, enabling same-day feature availability for ML model builds and scoring, reducing dependency on other teams which cut wait times from ~2 days to immediate access
- Migrated our in-house ML model build pipeline to a cloud-based platform, improving scalability and efficiency
- Worked cross-functionally with product managers, data engineers and internal stakeholders to achieve timely and successful outcomes

Manager, Data Science – New York, NY   Aug 2022 - Feb 2024
- Developed and productionized the company's customer segmentation model, scoring millions of subscribers and is widely adopted for targeted marketing and analytics
- Conducted A/B testing for offer strategy and UI/UX design, resulting in a 9 ppt increase in the saves rate for incoming online cancellations

Quantium

Associate Analyst – Brisbane, Australia   Feb 2018 - Nov 2019
Data Scientist / Consultant – New York, NY   Nov 2019 - Jul 2022
- 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
- Consulted for the leading global retailer to develop multiple ML models (GBMs) to forecast product demand, powering an optimization engine for localized recommendations across 4500+ stores
- 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
- Supervised two junior data scientists and planned out their sprint workflows
- Automated standard processes and reporting for a client's customer analytics team by developing Tableau dashboards over a 6+ month engagement

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
- R
- 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:
1. Adaptability
2. Positivity
3. Harmony
4. Woo
5. Communication