AXEL AGLIETTI ZAMPALLA

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EDUCATION

Columbia University   New York, NY
Master of Science in Management Science & Engineering   Expected Dec 2025
GPA: 4.3

Politecnico di Torino   Turin, IT
Bachelor of Science in Information Technology Engineering   Jul 2024
GPA: 3.8

WORK EXPERIENCE

Bill & Melinda Gates Foundation (Cost Minimization & Revenue Strategy Consulting Project)   New York, NY
Data Analyst   Nov 2024 - May 2025
- Conduct market research and data analysis on AI chatbot framework and monetization strategies, uncovering opportunities to optimize hosting expense while driving revenue growth through local and programmatic advertising models.
- Collaborate cross-functionally with the business and engineering team to optimize data-driven strategies.
- Design and deliver presentations to stakeholders, synthesizing research and analytics results.

Louis Vuitton Moet Hennessy (Business Data Analysis Consulting Project)   New York, NY
Engineering Program Manager   Nov 2024 - May 2025
- Managing the strategic automation of compliance workflows for MHUSA, improving operational efficiency, and reducing noncompliance risks by developing scalable solutions.
- Spearheading the integration of diverse data sources into a centralized compliance database, enabling streamlined analysis and data-driven decision-making for stakeholders.
- Designing and implementing Power BI dashboards for executive-level monitoring, providing real-time insights, and enhancing strategic oversight.

HearMe   New York, NY
Data Analyst   Sep 2024 - May 2025
- Lead the analysis of platform feedback using Metabase, coordinating a team to identify key insights and presenting results to management and stakeholders to inform strategy decisions.
- Designed and implemented scalable data systems to support business growth and adapt to dynamic customer needs.
- Developed data-driven solutions to enhance scheduling flexibility and shift coverage, exploring the integration of Generative AI for innovative delivery models.

PROJECT EXPERIENCE

Customer Segmentation and Marketing Insights Project
- Analyzed customer purchasing behavior for a hypothetical e-commerce business, "ShopSphere", using publicly available datasets to simulate real-world challenges faced by online retailers.
- Developed customer personas based on segmentation analysis, providing actionable insights to inform data-driven marketing strategies and personalized customer experiences.
- Applied statistical and machine learning techniques (e.g., clustering algorithms) to identify distinct customer groups and their preferences, enhancing business decision-making processes.

X-ray Image Processing Project   Turin, IT
Politecnico di Torino Student Team (Non-Destructive Testing)   Sep 2023 – Aug 2024
- Developed MATLAB code to process images from an X-ray machine, enabling the detection and analysis of patterns critical for medical diagnostics.
- Optimized image analysis algorithms to enhance accuracy and efficiency, improving the reliability of diagnostic insights.

SKILLS

Programming Languages / Tools/Packages: Python, Java, JavaScript, SQL, PHP, MATLAB, Git, Jira, SAS.

Data Analyst/Scientist Skills: Product Strategy, Market Analysis, Data Visualization, Customer Feedback Analysis, Data Management, Product Roadmap, Cross-functional Team Leadership, Machine Learning, Stakeholder Analysis, UI/UX design, Project Management.

Leadership/Awards: **Languages:** English, Italian
- Columbia University Life Ambassador
- Columbia University Product Managers Club Vice president