

# Robin Godinho

Gaithersburg, MD, USA

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## EDUCATION

<b>University of Maryland, College Park</b>	May 2025
M.S. Information Management, Specialization: Data Science	<b>GPA: 4.0</b>
<b>University of Maryland, College Park</b>	May 2023
B.S. Information Science	<b>GPA: 3.8</b>

## SKILLS

**Languages:** Python, SQL, R, JavaScript, Java, HTML/CSS, Flask, Docker, Excel

**Tools:** AWS, Azure, GCP, Git, Tableau, Power BI, Salesforce, Jira, MongoDB, Hadoop, Spark, TensorFlow

**Expertise:** Machine Learning, Project Management, SQL, NoSQL, Big Data, Data Quality, DBMS, NLP, ETL, Statistics

**Linguistics:** English - proficient, Portuguese - proficient, Spanish - advanced

## EXPERIENCE

**Boston Consulting Group, Data Solutions Analyst Intern - Washington, DC** June 2024 - Aug 2024

- Developed an automated data pipeline for integrating analytical reports for local government budgets in Africa, increasing report accessibility by 40% while ensuring compliance with stringent data protection standards.
- Aggregated large consumer energy datasets into actionable insights using Power BI for electricity dissipation and supply chain management, leading to a 15% increase in energy efficiency in 5 regions of Cape Town, South Africa.

**Computer Science at UMD, Graduate Assistant - College Park, MD** Oct 2023 - Present

- Curated data visualizations and dashboards using Python, R, and Tableau to analyze and communicate complex insights, supporting over 100 students' academic progress in the Computer Science department.
- Managed and optimized student caseload data, reducing approval time for CS minor enrollment and ADS exam registrations by 35%, improving overall departmental efficiency.

**College Park Academy, Project Manager - College Park, MD** June 2023 - Aug 2023

- Led a cross-functional team of data analysts and software engineers during the SDLC to develop and launch the official website for College Park Academy, and effectively managed communications with over 10 stakeholders to align project goals.
- Leveraged Agile project management techniques to accelerate delivery, completing the project 15% ahead of schedule and achieving a 25% boost in team efficiency.

**Office of Information Technology, IT Specialist - Shady Grove, MD** Sept. 2021 - May 2023

- Monitored and optimized daily technical performance, resolving an average of 20+ technical issues weekly through the TOPdesk ticketing system with a 95% resolution rate, while ensuring timely follow-ups to improve user satisfaction.
- Documented technical resolutions for common issues, creating a knowledge base that streamlined problem-solving for the IT team and reduced ticket resolution time by 20%.

## PROJECTS

<https://github.com/robinalgodinho>

**[AI Agent System](#)** | Python, Artificial Intelligence, Json, API, TensorFlow, Scikit Learn, Speech Recognition

Developed a sophisticated Personal AI Agent utilizing OpenAI's ChatGPT model to enhance user interaction through natural language processing. Integrated a contact database to efficiently retrieve user information. Leveraged smaller AI agents, such as a calendar agent, email agent, and search agent, to provide comprehensive functionality.

**[Amazon Sentiment Analysis using Machine Learning](#)** | Python, Machine Learning, Scikit Learn, NLP, TensorFlow

Designed and implemented a robust Machine Learning model for sentiment analysis of Amazon product reviews, utilizing advanced natural language processing (NLP) techniques. This project involved data preprocessing, feature extraction, and model training to accurately classify sentiments expressed in customer feedback.