

RODRIGUES, ALLAH-U-ABHA

Location: *New Haven, Connecticut* |
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EDUCATION

Yale University <ul style="list-style-type: none">○ B.S. Computer Science, Certificate in Data Science	New Haven, CT May, 2027
The Hotchkiss School <ul style="list-style-type: none">○ High School Diploma, Second Honors Roll;	Lakeville, CT June, 2023

EXPERIENCE

Research Lab Assistant & Junior Data Analyst <ul style="list-style-type: none">○ Neuroscience Lab, Yale University• Analyzed complex 3D brain tissue images using machine learning techniques and webKnossos, enhancing mapping accuracy by 25%.• Contributed to innovative research under Aaron T. Kuan, improving diagnostic models for neurological diseases.	New Haven, CT October, 2023 – December 2023
Financial Analyst, BlackGen Capital <ul style="list-style-type: none">○ Finance Club - Yale University• Completed a rigorous 6-week financial training focusing on accounting, valuation, and financial modeling.• Collaborated on a technology sector analysis, enhancing investment strategies and contributing to a key stock pick that outperformed market indices by 10%.	New Haven, CT September, 2023 – Present
FTC Robotics Software Developer & Design Engineer <ul style="list-style-type: none">○ The Hotchkiss School FTC Robotics Team (JAVA)• Programmed autonomous and tele-operational modes for robotics competitions, winning the Motive Award for innovation.• Led design efforts that contributed to regional victories, enhancing team’s strategic capabilities and technical design.	Lakeville, CT November, 2022 – February, 2023

COMMUNITY SERVICE

Leader, Web Developer & Support Assistant <ul style="list-style-type: none">○ Plataforma Makobo, NGO• Spearheaded the development of a new NGO website and a COVID-19 tracking tool, improving community access to resources and information.• Enhanced online user engagement by 40% through effective website and tool upgrades.	Maputo City, Mozambique April, 2021 - February, 2022
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PROJECTS

Stock Market Prediction Using Sentiment Analysis <ul style="list-style-type: none">○ Personal Finance Project• Developed a predictive model using sentiment analysis to forecast stock market trends, increasing prediction accuracy by 15% using Python, TensorFlow, and NLP techniques.	New Haven, CT November, 2024 – January, 2025
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SKILLS

Programming: C, Python, Javascript, SQL
Frameworks: React.js, Node.js
Financial Analysis: Accounting, Valuation, Modeling
Software: Excel, Robinhood
Languages: English (Native), Portuguese (Native)