Naol Basaye

+1 470-534-7958 • naol.basaye@duke.edu • linkedin.com/in/naol-basaye • github.com/NaolGB

Python, Java, SQL, No-SQL, Django, Tableau, Power BI

SUMMARY

- **Curious Data Scientist** with experience in machine learning, big data, and analysis
- Business Analyst with experience in business analytics and business management, seeking roles to impact, learn and grow

EDUCATION

Duke University & Duke Kunshan University Dual Degree	May 2023
Duke University B.S. in Interdisciplinary Studies – Data Science	Durham, United States
Duke Kunshan University B.S. in Data Science	Kunshan, China

Courses: Data Structures, Algorithms and Databases, Computer Systems, Machine Learning, Managerial Effectiveness

PROFESSIONAL EXPERIENCE

Duke University Gemini Lab	May 2022 – Present
Data Scientist, Intern	Durham, United States

Managed a Data Science team for a multinational research project across the US, Brazil, and Tanzania (Python, Tableau)
- Cut down data collection costs by 20% by generating data through machine learning simulations
- Promoted to lead the Data Science team of 5 students for facilitating the adoption of a new time-saving framework

Beru Computech	Aug 2020 – Aug 2021
Software Engineer, Intern	Addis Ababa, Ethiopia

Team leader at a customer-focused software development firm in direct communication with businesses (Python, Java, SQL)
- Decreased data transfer time by 10% by improving data storage and query methods using Java and MySQL
- Selected as 1 of 5 team leaders from a pool of 25 to foster communication resulting in efficient team performance

LEADERSHIP & SERVICE

Time Café	Sept 2018 – Aug 2019
Assistant Restaurant Manager, Part-time	Hawassa, Ethiopia

Operations management of 65+ back-of-house, waitstaff, finance, and purchase teams for a café with 1,500+ daily customers
- Pioneered the use of business intelligence tools to optimize the purchase of dairy products decreasing runouts by 12%
- Decreased wait time by 7 minutes, 29%, by restructuring order processing methods in the kitchen

Pen for Child – Education Supplies Charity	June 2015 – June 2020
Founder and President	Ethiopia

Founded a charity that supported over 300 students with annual supplies of school materials
- Led a team of 5 volunteers to collect over 100 textbooks, 250 exercise books, and 500+ new and used pens/pencils

PROJECTS

Collecting and Visualizing Internet Data	Sept 2022

Personal project collecting, analyzing, and visualizing large amounts of internet data (Python, SQL, Tableau)
- Increased the speed of the script by over 40x than a single process by using multiprocessing and MySQL
- Decreased download cost by 10% to existing methods, extracting relevant information and decreasing outgoing requests

Machine Learning for Cryptocurrency Price Prediction	April 2022 – June 2022

Personal project predicting the 12-hour price movement for cryptocurrency assets (Python, Tableau, API)
- Improved prediction accuracy by 10% by performing trend analysis to find new ways to label data for machine learning

Certificates (LinkedIn): AWS Essential Training for Developers, Advanced Microsoft Power BI, Excel Expert Certification Prep