Dawit Aklilu

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https://github.com/DawitAklilu

EDUCATION

Expected Graduation 12/2023	**Bachelor of Arts,** Michigan State University - East Lansing, MI **Major:** Physics **Minor:** Data Science

SKILLS

- Python
- Git
- SQL
- Machine Learning

- Data Analysis
- Regression
- Scikit-learn
- Matplotlib

- SciPy
- Pandas
- HTML/CSS
- Stakeholder Management

EXPERIENCE

05/2023 - Present **ML Physics Research**, Michigan State University - East Lansing, MI
- Machine learning via training neural networks to solve the Schrodinger equation
- Implement numerical solvers and analyze results through graphs and RMSE
- Work with research team to develop and test code

06/2023 - 08/2023 **Logistics Management Intern**, BN Transportations - Grand Rapids, MI
- Prepared fiscal documents to undergo audit review
- Transitioned over 100 physical records to a digital database format using Excel and pivot tables with aggregation functions
- Developed payroll system to support 3PL business operations
- Performed data analysis for ad-hoc requests such as determining driver's total mileage, pay, hours

05/2019 - 08/2019 **Logistics Intern**, FZ Transportations - Grand Rapids, MI
- Negotiated rates with brokers to get the best value for the company
- Used Excel to re-organize several documents associated with logistics
- Communicated regularly with more than 100 suppliers, brokers, and customers for day-to-day operations
- Tracked invoices based on stored company database

05/2018-06/2018 **Eaton Intern**, Eaton Aerospace - Grand Rapids, MI
- Helped design and build testing apparatus to test the durability of the braking system of a nose wheel drive of a plane
- Coordinated in setting up meetings for team members
- Observed CAD to 3D printing process of making testing apparatus

EXTRACURRICULARS

09/2023- Present	**Society of Data Scientists -** Treasurer
04/2023- Present	**National Society of Black Physicists -** Vice President
04/2023- Present	**National Society of Black Engineers -** Finance Committee Member