

Hiwot Woldesemayat

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Software Developer

Experienced Software Developer and Data Scientist who is highly proficient in producing data-driven solutions with outstanding problem-solving abilities.

TECHNICAL SKILLS

Web: HTML, JSON

Languages: Python, Javascript, Java

Frameworks: Flask, React

Web Services: RESTful Web Services

Cloud Services: AWS, Azure

Database: sql, snowflake, kafka

Tools: Terraform, DataDog, Jenkins, Auto

SDLC, CI/CD Pipeline,

Bitbucket, Git, GitHub

EDUCATION

THE KNOWLEDGE HOUSE, New York, NY

July 2022 – Present

Web Developer Fellow

- Currently enrolled in Web Development innovation program
 - Build HTML, CSS, JavaScript, UX/UI design skills by participating in a project-based, software engineering curriculum with 400+ hours of technical instruction
- Graduated in Data Science (July 2021 - August 2022)
- AWS Cloud Practitioner certified (Certificate# C8BNEVGCTEQE199J)

TOURO COLLEGE, Middletown, NY

August 2017 - May 2018

Masters of Science in Biological and Physical Sciences

UNIVERSITY OF VIRGINIA, Charlottesville, VA

August 2007 - May 2010

Bachelor of Arts in Biology

EXPERIENCE

FDM-MORGAN STANLEY, Alpharetta, GA

Jan 2022 – Present

Software Developer and Cloud Site Reliability Engineer

- Supported production through developing frontend and backend web applications, managing deployments, and working with the agile teams to build and support stable and reliable production systems
- Created automation scripts to reduce toil and tests codes through test driven development (TDD) to monitors application services and set up CI/CD pipeline
- Improved operational stability and reliability through analyzing data and finding solutions

THE KNOWLEDGE HOUSE, Bronx, NY

Jul 2021 – August 2022

Data Science Fellow

- Enhanced skill set in programming, data cleaning, analysis, modeling, visualization, and managing large data sets using Python, SQL through training under a project-based, data science curriculum with 400+ hours of technical instruction and professional development
- Deployed MVPs for capstone project by executing user research + agile methodology principles and addressing market opportunities with creative technical solutions by using project management, communication and presentation tools like Trello, Jira, Slack and Google Suite
- Developed machine learning models using frameworks such as Linear Regression, Logistic Regression, Decision Tree, Naive Bayes, k-Nearest Neighbors, k-Means, Random Forest

WEILL CORNELL MEDICINE, New York, NY

March 2020 – Jan 2022

Clinical Tech

- Assisted physicians with patch testing and clinical procedures
- Conducted patient intakes and referred to appropriate physician for further examination
- Supported day to day operations by working with IT and Epic team on Epic departmental workflow to improve user experience

PROJECT

- Created, tested, iterated codes and contributed to the python community by creating a safe-diet list package for various types of patients using python: <https://test.pypi.org/project/safe-diet-hiwett18/>