Abiy Dema

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EDUCATION

CENTRALE NANTES: Nantes, FRANCE   **Expected Graduation**: December 2022
  BSc (Hons) in Engineering, Industrial Engineering.   10/2018-10/2022
  A highly selective French school of Engineering.
  Includes diversified courses in: Algorithm & Computer Programming, Advanced Mathematics & Physics, Industrial Engineering Design, Entrepreneurship, Engineering Project, Project Management, Sustainability in Engineering & FEM.

PROFESSIONAL EXPERIENCE

FIFTEEN ☀   **March 2022 – September 2022**
  Growth Engineer Intern   6 months   Vanves, FRANCE
  - Automated the process of retrieving LinkedIn profiles using Selenium & BeautifulSoup libraries of Python.
  - Conducted data analysis concerning the existing mobility competitors worldwide & researched about their allocated number of bikes per city, types of technologies they use, operator names and other specifics.

  Data Engineer Intern   6 months   Vanves, FRANCE
  - Built a Twitter-Slack bot, that can filter targeted Twitter accounts' online tweets and sends alert messages to a Slack channel if their tweets were published in the last five minutes containing specific keywords of our preferences.
  - Collaborated with the data team to predict the optimum number of bikes to have around train stations of France.

ARBAMINCH TEXTILE   **July 2021 – September 2021**
  Quality Control Intern   3 months   Arbaminch, Ethiopia
  - Monitored the quality standard of yarns
  - Inspected local texture irregularity of fabrics & suggested their corresponding error mitigation method.

CENTRALE NANTES   **October 2020 – April 2021**
  Image Processing & Computer Vision
  Projects   7 months   Nantes, FRANCE
  - Analyzed JPEG compression and decompression using SciPy, Skimage & other libraries of Python
  - Led a group of 3 to conduct tests aimed at building facial detection system using OpenCV library of C++.

LICENSES & CERTIFICATIONS

- Learning Data Analysis
- Python for Data Visualization   • Python Libraries for Data Science
- Web Scraping with Python   • Python for Data Visualization   • Data Science Orientation
- Pandas Essential Training   • Web Scraping with BeautifulSoup
- Learning Git & Github

PERSONAL PROJECTS

INTRODUCTION TO MACHINE LEARNING   October 2022 – Present
  Supervised Learning using Iris Data Set
  - Predict flowers based on their Sepal length, Sepal width, Petal length & Petal width.

PORTFOLIO WEBSITE   October 2022
  - Built a website using HTML, CSS & JavaScript and deployed it onto Cloudflare Pages.

HONOURS & AWARDS

CENTRALE NANTES ELITE SCHOLARSHIP   10/2018-10/2022
  - Received a full scholarship to attend the top French school of Engineering.

SKILLS & INTERESTS

SOFT SKILLS: Problem Solving, Curiosity, Critical Thinking, Team Work, Work Ethic & Communication.
HARD SKILLS: Python, C++, MATLAB, Excel VBA, PostgreSQL, HTML, CSS, JavaScript, FreeCAD, SolidWorks & Blender.
INTERESTS & HOBBIES: Data Science, Online Learning, Football, Reading Novels & Cooking.
LANGUAGES: 🇬🇧 English - ●●●●● , 🇪🇹 Amharic - ●●●●●, 🇫🇷 French - ●●○○○