

ASHENAFI T. GEBREYESUS

Internship

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EXPERIENCE

Deep Learning Engineer intern

ELSE Corp, a Virtual Retail Company

📅 09/2020 - now 📍 Milan, ITALY

Building an object detection and classification model for fashion industry

- Real time object detection using Nvidia Jetson device and industrial cameras
- Containerize ML models for deployment
- Building Serverless application on AWS
- Deploying ML and Deep learning models on AWS

Data Scientist intern

UniCredit Services S.p.A

📅 09/2019 - 03/2020 📍 Milan, ITALY

Participating in different projects starting from Brainstorming up to deployment such as:-

- Implementing different ML algorithms used for Document classification using image processing and Pytesseract OCR
- NER(Named Entity Recognition) and Text Summarization with NLTK and SpaCy.
- Stamp Detection in different scanned documents using OpenCV and Deep learning
- Developing Micro services to dockerize and deploy using Flask Framework

System Developer

Mekelle University

📅 07/2015 - 06/2017 📍 Mekelle , ETHIOPIA

- Development of software requirements, documents and validation processes.
- Preparation of software testing processes and reports.
- Developing a desktop application using java and MySQL
- Provided technical guidance during designing and code reviews.
- Conducted unit and regression testing and maintained test automation.

Web Development

Mekelle University

📅 10/2014 - 04/2015 📍 Mekelle , ETHIOPIA

- Participated in a Volunteer Project "Hospital Management System" using HTML, CSS, JavaScript as front end and MySQL as backed for Ayder Referral Hospital, Mekelle, Ethiopia.

EDUCATION

AWARDS



Italian Government Full Scholarship
MSc, Politecnico di Milano, Italy,
2017 - 2019



Mekelle Institute of Technology Scholarship
BSc, Mekelle, Ethiopia, 2010 - 2013



High Score Award
Excellent CGPA score in Mekelle University (CGPA 3.95/4)

STRENGTHS

- Skill on various programming paradigms
- Good understanding of cloud and web services
- Interest to learn new skills and frameworks
- Excellent communications skills
- Flexibility and Adaptability
- Experience in Agile(Scrum) methodology

SKILLS

ML and Deep Learning library and frameworks

Scikit-learn Keras TensorFlow PyTorch

Programming Skills

Python R Scala Java C++ C

Development Tools and Technologies

PyCharm VsCode Atom Eclipse
Git Docker

Web Technologies

HTML CSS JavaScript Node.js

Database

MySQL MongoDB Oracle

Scripting Language

Python UNIX Shell scripting

Cloud Computing

GCP AWS

M.Sc. Computer Science and Engineering

Politecnico di Milano

📅 Sept 2017 – July 2020

B.Sc. Computer Science and Engineering

Mekelle University

📅 Sept 2010 – July 2015

Main Courses: Machine Learning, Information Retrieval and Data Mining, Deep learning, Database Design2, Software Engineering2, Cognitive Robotics, Data Structure, Design and Analysis of Algorithms, Probability and Statistics, Operating Systems ...

PROJECTS

- OCR Pipeline Microservice Development using Flask framework in Unicredit S.P.A, Italy
- MNIST Handwritten Digit Classification
- Iris Flowers Classification ML Project– Learn about Supervised Machine Learning Algorithms
- Boston Housing Price Prediction ML Project
- Ethiopian Money Recognizer using OpenCV and C++, Mekelle, Ethiopia
- National Identity Tracker, Tigray government, Ethiopia

LANGUAGES

English



Amharic



Tigrigna



Italian



French



REFEREES

Prof. Matteo Matteucci

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