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Education

University of Southern California Viterbi School of Engineering April 10/ 2018 -- November 5, 2018, Los Angeles CA

- ☐ Data Analytics
- ☐ **Coursework:** Excel and VBA; Python, NumPy; Pandas; Spatial Data Analysis; Data Munging with Pandas; Advanced Matplotlib; JSON, Data Mining; Advanced SQL/MySQL; Web Design (HTML/CSS) ; Bootstrap; Web scraping with BeautifulSoup, Introduction to MongoDB; JavaScript; JavaScript API; JavaScript Web charting; Interactive web Visualization; D3.js; Business Intelligent with Tableau; Introduction to Machine Learning; Neural Networks and Deep Learning; Big Data and Hadoop; Natural Language Processing with Spark.

Emeritus Institute of Management in collaboration with Colombia Engineering Mar14/ 2019 -- Feb 20, 2020 (Online)

- ☐ Postgraduate Diploma in Data Science
- ☐ **Coursework:** Basics of statistics and probability; Python; SQL; advanced data extraction techniques; statistical Sampling and distributions in Python; Data visualization, Regression and Classification using scikit learn, clustering in scikit learn, Naïve Bayes , K-means, Text mining, decision trees and clustering, Time series analysis

European Post Graduate School of International and Development Studies 2017 – 2018/ Brussels, Belgium (online)

- ☐ Executive master's in international politics
- ☐ **Coursework:** Power Politics & International relations; World Economy in the Era of Globalization; Arms Control, Peacekeeping and Security Issues, Geopolitics of energy & climate change; Current status of International Penal Law; USA foreign policy and Transatlantic relations, Geopolitics of Russia & Central Asia; Current trends of Europe Integration, Geopolitics of Maghreb and the Middle East; South & East Asia, the new epicenter of global politics; Latin America in the international system; Sub-Saharan African & East Africa

Ethiopian Civil Service University -Addis Ababa, Ethiopia 2002 – 2006, Addis Ababa, Ethiopia

- ☐ BA in Economics
- ☐ **Coursework:** Introduction to Economics, Quantitative Method I, English for Business Study I; Spoken English; Principle of Accounting I; English for Business Study II; Quantitative Method II; principle of Accounting II; Calculus for Economists; Microeconomics I; population and Gender issue; Introduction to Management, Sophomore English ; Statistics for Economists; Microeconomics II; Linear Algebra for Economists; Macroeconomics I; Microfinance; Macroeconomics II; Economics of Agriculture; Natural Resource and Environmental Economics; Transport Economics; Introduction to Computer; Introduction to Econometrics; Marketing; Economics of Industry; Development Economics; Customer Service Delivery; Public Finance, Rural Development; Monetary Economics and Policy; History of Economic Thought, Project Design and Analysis; Urban and Regional Economics; International Economics; Development Planning

Kotebe University College of Education 1999 – 2001, Addis Ababa, Ethiopia

- ☐ Diploma in Chemistry with composite minors: Mathematics and physics
- ☐ **Coursework:** General Chemistry, Basic Mathematics I; General Physics; Basic English language; Introduction to psychology; History and Philosophy of Education, Inorganic Chemistry I; Practical Inorganic Chemistry I; Method in teaching Chemistry I; Basic Mathematics II; General Biology; General Methodology; Instructional Media; Human Growth and Development; Analytical Chemistry I; Organic Chemistry I; Method in Chemistry teaching II; Practical Analytical Chemistry I; Practical Organic Chemistry I; Earth Science; Elementary Calculus I; Inorganic Chemistry II; Practical Inorganic Chemistry II; Analytical Chemistry II; Practical Chemistry II; Organic Chemistry II; practical Organic Chemistry II; Applied Chemistry; Physical Chemistry.

Skills

Programming Languages and tools: Python, JavaScript, R, SQL **Tools/Framework:** Pandas, D3, TensorFlow, Keras, Scikit-Learn, Pandas, big data (Hive, Impala)

Management: Project design, Monitoring & Evaluation, Report write, Balanced Scorecard

Diplomatic Skills: Diplomatic writing, Negotiation, protocol and Etiquettes

Experience

Database: MySQL

Familiar: Java, Flask, Django, *Data analysis Using python*

- ☐ Extract, clean Analyze data using various python, pandas, design websites using python flask and Django; WordPress

Management and Diplomacy

- ☐ Worked with various stakeholder and engage them diplomatically;
- ☐ Develop annual, monthly, weekly and daily plan; manage and monitor accordingly;

Teaching

- ☐ Teacher Chemistry for Middle and High schools in Ethiopia

Projects

- ☐ Data visualization, Social Analytics; Advanced data storage; web scrapping; web mapping, Credit Card Default detection
- ☐ Tools: python, pandas, JavaScript, SQL, Tableau, Machine Learning (supervised and unsupervised)