



ZAKARIA HASAN

DATA
ANALYST
&
MACHINE
LEARNING
SPECIALIST

LINKEDIN

GITHUB

LANGUAGES

- English - Fluent
- Finnish - Novice
- Bengali - Native
- Swedish - Novice

ACHIEVEMENTS

- Industrial IoT on Google Cloud Platform from Coursera (May 2020).
- Google Cloud Platform Fundamentals: Core Infrastructure from Coursera (May 2020).
- Cisco Certified Network Associate (CCNA) [December 2016].
- Cisco Certified Entry Network Technician (CCENT) [November 2016].

PROFILE

Zakaria is a talented Data Analyst and Machine Learning Engineer who is highly proficient with numerous areas of Data Science and gained more than three years of work experience as an IT professional. In the workplace environment, Zakaria is friendly and supportive of his collaborators as he believes that one of the best ways to learn and improve is to help others. Zakaria is also an exceptionally fast learner who was able to complete his most recent Bachelor's degree in under 2 years.

RECENT PROJECTS

Heart Disease Classification

Numpy, Pandas, Matplotlib, Seaborn, TensorFlow, Scikit-learn

A graduate-level project completed in a team and aimed to predict heart disease conditions by using neural networks as a binary classifier.

SKILLS

Programming Languages: PHP, Python.

Data Analysis: NumPy, Pandas.

Data Visualization: Bokeh, Matplotlib, Plotly, Seaborn.

Database Management: MySQL.

Machine Learning: Scikit-learn.

Cloud Services: Google Cloud Platform.

Other: Computer Vision (Open CV), Deep Learning (Keras), Parallel Computing (Dask), Text Mining (NLTK).

EXPERIENCE

Data Analyst & Machine Learning Specialist

Integrify | Helsinki, Finland | April 2020 - Present

- Demonstrated advanced proficiency in programming with Python and Object-Oriented Programming.
- Performed Data Analysis and Data Visualization on diverse and complex datasets.
- Worked with APIs and performed Web Scraping to create new datasets.
- Managed databases with SQL and PostgreSQL.
- Developed Machine Learning applications with supervised, semi-supervised, and unsupervised algorithms, and dived into Deep Learning and Computer Vision.
- Handled Continuous Integration and Continuous Deployment (CI/CD) of Machine Learning Models with GitHub Actions and Docker.
- Built web-based applications with Python and Streamlit to host Machine Learning models.

Cook

Ravintola Factory | Helsinki, Finland | April 2017 - July 2019

IT Technician

The Rock and Sole Plaiçe | London, United Kingdom | March 2013 - June 2016

- Managed the network infrastructure.
- Troubleshoot hardware and software issues.
- Carried out backup operations.
- Managed the technical documentation and collected the data from the POS system.
- Applied the knowledge of statistics for the accounting purposes.

EDUCATION

B.Eng. in Information and Technology

Metropolia University of Applied Sciences | Helsinki, Finland | August 2018 - Present

B.A. in Hospitality and Tourism Management

Heriot-Watt University | Edinburgh, United Kingdom | January 2013 - July 2016