



SWOSTIK SHRESTHA

DATA ANALYST & MACHINE LEARNING SPECIALIST

LINKEDIN

GITHUB

LANGUAGES

- English - Fluent
- Finnish - Novice
- Nepali - Native
- Indian - Intermediate

ACHIEVEMENTS

- Statistical Fundamentals from Dataquest.io (December 2020).
- APIs and Web Scraping in Python from Dataquest.io (December 2020).
- Build a Machine Learning Web App with Streamlit and Python from Coursera (month, year).
- An Easy Introduction to Machine Learning Using Scikit-learn from StackSkills (May 2020).
- An Introduction to Machine Learning and NLP in Python from StackSkills (May 2020).

PROFILE

Swostik is a skillful Data Analyst and Machine Learning Engineer with a passion for Web Development. With his background in IT, Swostik is pursuing a Master's degree in Digital Health and Life Sciences where he wishes to apply his technical expertise. He is also a proactive and efficient learner and these qualities enable Swostik to adapt and apply his universal skillset across multiple industries. At work, he is a compassionate individual who is eager to make all group efforts count.

RECENT PROJECTS

Python, Scikit-learn, Streamlit, Rhyme

Python, Scikit-learn, Streamlit, Rhyme

An interactive web-based application built for users to explore and interact with data without knowing how to code. This application enables the users to choose a classification algorithm (Logistic Regression, Random Forest, Support Vector) and set the hyper-parameter values.

CarePaths Project

Python, NodeJs, ReactJs

A capstone project during the university studies that equaled to 15 ECTS and comprised seven graduate students. The aim of the project was to visualize the paths taken by patients in the hospital. The data was provided by the Turku University Hospital (TYKS).

SKILLS

Programming Languages: CSS, HTML, Python, React.

Data Analysis: Python.

Data Visualization: Matplotlib, Pyplot.

Database Management: MySQL.

Machine Learning: Keras.

Cloud Services: AWS.

EXPERIENCE

Data Analyst & Machine Learning Specialist

Integrify | Helsinki, Finland | October 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 dwelled into Deep Learning and Computer Vision.
- Handed 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.

Sports Scout and Reporter

Genius Sports | London, the United Kingdom | January 2018 - Present

- Updating important live Football and Ice Hockey events.
- Using a mobile application to update information about the aforementioned events.

Cleaning Worker

Cleantime Oy | Turku, Finland | May 2018 - August 2020

- Gained the experience working at the construction sites with required safety equipment.
- Cleaned newly-commissioned buildings mainly during the summer seasons.

RTK Oy | Helsinki, Finland | May 2015 - December 2016

- In addition to various cleaning duties, communicated directly with the clients to provide service according to their requirements.

EDUCATION

AWS Certified Cloud Practitioner

AWS re/Start & Integrify Academy | Helsinki, Finland | April 2021 - Present

M.D.P. in Digital Health and Life Sciences

University of Turku | Turku, Finland | September 2017 - Present

B.Eng. in Business Information Technology

Lahti University of Applied Sciences | Lahti, Finland | September 2009 - December 2014