

# Selçuk Şan

📍 Address: Ankara, Turkey

📍 Address: Bursa, Turkey

✉ Email address: [selcuk1330@gmail.com](mailto:selcuk1330@gmail.com) ☎ Phone number: (+90) 5438478618

🌐 LinkedIn: <https://www.linkedin.com/in/selcuksan1> 🐙 Github: <https://www.github.com/selcuksan>

👤 Medium: <https://medium.com/@selcuk1330>

## ABOUT ME

I'm a 4th year computer science student at Bursa Technical University.

I'm improving myself on data engineering, machine learning, cloud computing and databases.

## WORK EXPERIENCE

[ 15/08/2022 – Current ] **DevOps Intern**

*Özdilek Holding Özveri Arge Merkezi*

**City:** Bursa

**Country:** Turkey

**Name of unit or department:** Research and Development

**Main activities and responsibilities:**

Used Technologies:

- Azure DevOps

[ 01/11/2020 – 01/04/2021 ] **Data Science Intern**

*İletişim Yazılım*

**City:** Bursa

**Country:** Turkey

**Name of unit or department:** Research and Development

**Main activities and responsibilities:**

Developing a supplier assistant

- Getting data from MS SQL Database

- Data preprocessing with Python

Used Technologies:

- Python
- MS SQL

## EDUCATION AND TRAINING

[ 01/06/2022 – Current ] **Data Engineering & Cloud Engineering Bootcamp Participant**

*Istanbul Data Science Academy* <https://istdatascience.com/>

**Main subject / occupational skills covered:**

- Linux, Bash Shell
- SQL, Analytic SQL (Oracle)
- DWH Data Modelling, Data Lake, Data Mart
- Fast API
- Apache Nifi
- NoSQL Principles, Elasticsearch
- Google Cloud Data Engineering, BigQuery

[ 01/01/2022 – 01/06/2022 ] **Data Science Bootcamp Participant**

*Veri Bilimi Okulu* <https://www.veribilimiokulu.com/>

**Main subject / occupational skills covered:**

- Virtual Environments and Python Packages
- Functional Exploratory Data Analysis and Data Preprocessing
- CRM Analytics (RFM Analysis, Customer Lifetime Value)
- Measurement Problems (Sorting, Scoring, AB Testing)
- Recommendation Systems (Content-Based, Collaborative Filtering, Association Rule)
- Feature Engineering
- Machine Learning Algorithms and Machine Learning Pipeline
- Time Series (ARIMA, SARIMA Models)
- MS SQL

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**SKILLS****Programming**

- Python (Pandas, NumPy, FastAPI)
- RDBMS (Oracle, MySQL)
- NoSQL (MongoDB, ElasticSearch)
- Big Data (Kafka, Spark, Apache Nifi)
- Google Cloud (BigQuery)
- Machine Learning
- Linux Shell Scripting
- DevOps (Azure DevOps)
- Git

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**PROJECTS****Bank Marketing**

The data is related with direct marketing campaigns of a banking institution.

The classification goal is to predict if the client will subscribe (yes/no) a term deposit (variable y).

<https://github.com/selcuksan/bank-marketing>

**Dataflow with Apache Nifi**

Receiving eth transactions on Apache Nifi by using the etherscan.io site's API.

<https://github.com/selcuksan/dataflow-with-apache-nifi>

**Time Series Prediction**

Time Series Analysis with LGBM. The purpose is Forecasting the average online user numbers and data download volumes in the relevant network using network traffic data.

<https://github.com/selcuksan/time-series-with-LGBM>

**FastAPI**

It's an end-to-end Fast-API project which contains CRUD operations and user authentication.

<https://github.com/selcuksan/Fast-API>

**Zenity App**

It is an application used to download files from web with the wget command. It was written with Bash script.

<https://github.com/selcuksan/zenity-app>

**Cryptocurrency Prediction**

Building an ML model with historical crypto data.

<https://github.com/selcuksan/MachineLearning-Cryptocurrency-RestAPI>