BARIS SARI

Python Developer

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○ BarisSari   in bayram-baris-sari

⌖ Istanbul, Turkey

EDUCATION

Istanbul Technical University
MSc. in Computer Engineering

⌖ Istanbul, Turkey
📅 Sep 2019 – Present

Istanbul Technical University
BS in Computer Engineering (GPA: 3.00/4)

⌖ Istanbul, Turkey
📅 Sep 2013 – Oct 2018

Wroclaw University of Science and Technology
Exchange Student in Computer Science

⌖ Wroclaw, Poland
📅 Sep 2016 – Oct 2017

EXPERIENCE

Upwork
Python Developer

⌖ Remote
📅 10/2019 – Present

- A top-rated plus developer, which is a privilege for only the top 3% freelancers on Upwork. ⬈
- Developing an open-source Python library to be used in the parsing and collation of data to be used in platform-based spatial analysis. Tech stack includes **SQLAlchemy** for ORM, **Alembic** for database migration, **Geoalchemy2** for Spatial extensions, **pytest** for testing, **Travis** for CI. (Working as a **part-time Python Developer since 02/2020**) ⬈
- Maintaining two projects of George Brown College:
  - Flourished old Django project by updating all dependencies, and adding new modules such as dictionary, console, registration, exit. ⬈
  - Set up the backend, frontend, and server sides from scratch for the latter project. ⬈
  - Tech stack includes **Django for backend; MySQL** for database; **HTML, CSS, and Javascript(JQuery)** for front-end; **Linux RedHat Server** for server-side.
  - Responsibilities comprehend enlarging both backend and frontend side, maintaining/deploying living project on server. (Working as a **part-time Full-stack Developer since 12/2019**)
- Contributed to a few different Django projects of **Code for South Africa**. Introduced new libraries, reduced all current bugs/issues to almost zero. ⬈
- Developed 4-5 different data preprocessing algorithms for a client's employee database using **Pandas** and **Jupyter Notebook**.
- Created 90+ Data Science questions, reviewed 300+ Python 3 questions for an academy.

Bigdata Teknoloji A.Ş.
Backend Developer

⌖ Istanbul, Turkey
📅 01/2019 – 10/2019

- Joined the company as employee #4 and is **only backend developer** of the PoC project.
- Used **Dockerized Linux, PostgreSQL, Neo4J, ElasticSearch, Python, and React** stack to develop and maintain the PoC.
- Managed two **EC2 instances on AWS** for the frontend and the backend side.
- **Generated 12+ millions of a synthetic Trade data** of Investment Adviser company using real-time tick price data and Turkish market exchange data(over 25 millions of rows).
- Used **Git** for version control, **Swagger UI** for API development, **Jira** for Project Management, **Agile/Scrum** as methodology.

Anryze
Data Scientist

⌖ Kyiv, Ukraine
📅 10/2018 – 12/2018

- Built 2 data-driven deep learning models on **Keras** for given Russian corpus for sentiment analysis.⬈

- **Manipulated** a state-of-art object detection project **(Mask R-CNN)** for segmenting people from images and videos in real time.
- Trained **two KNN models** for face recognition, the first one labelled unsupervised face data of the company using face_recognition, and the second one trained with the supervised data.
- Did researches about other topics of NLP such as **Topic Modeling**. ↗

Softtech
Engineering Intern

📍 **Istanbul, Turkey**
📅 **07/2018 – 08/2018**

- Visualized a large graph(700+ nodes , 1000+ edges) using **networkx and Neo4J**. Analyzed it running Cypher Queries.
- Created an algorithm in order to find the longest path in the graph, which **couldn't** find running queries on Oracle or Neo4J Databases.

BSH Turkey
Network Intern

📍 **Istanbul, Turkey**
📅 **06/2018 – 07/2018**

- Focused on **Network Automation.** Completed a project that traverses all Cisco Network Devices by SSH connections, collects all the IP addresses and general information of the devices.
- **Improved performance** of the project by **90% using multi-threading.** ↗

SKILLS

Proficient:

- **Python**, within **Linux, Django, PostgreSQL/MySQL** stack **(+1.5 year in production systems).**
- **Python for Data-related projects** for 3+ years.
- **GitHub/Bitbucket for 3+ years.** ↗
- **Javascript (JQuery), HTML, CSS** for 1 year.

Worked in:

- **C++** ↗, **Neo4J, ElasticSearch, Java, R, Matlab, Assembly, Go** for university assignments.
- **Flask** for backend development.

Soft Skills:

- Dedication, Punctuality, Desire to Learn, Enthusiasm, Honesty, Analytical Thinking, Communication, Problem Solving, Researching, Willing to Accept Feedback.

PROJECTS

Rule Based Collision Avoidance System
Bachelor Thesis

📅 **09/2017 – 07/2018**

- Surveyed CNN models on Tensorflow for 4 months, created 3 different datasets for training models, yet didn't use at the final stage of the project. ↗

CERTIFICATES

Advanced Data Science with IBM Specialization ↗
Coursera

📅 **12/2018 – Present**

Leadership Development Experience Certification ↗
AIESEC

📅 **12/2018 – Present**