Burak Kiran

Computer Scientist / Data Scientist
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Webpage: https://kiran1226.github.io/devportfolio/

I am a dedicated and enthusiastic Computer Scientist specializing in Data Science and Data Analytics. In my latest experience leveraging Python, I developed web applications, integrated APIs, performed data filtering and cleaning, and implemented web scraping techniques. Proficient in SQL, I ensured data correctness through thorough checks. Utilizing the Scrum model and Jira for project management, I successfully contributed to enhancing team efficiency. Throughout my career, I have consistently sought personal growth through projects that align with my passion for Full Stack Development, Data Science, and Machine Learning. Through these projects, I have honed my skills in Python, utilizing libraries such as NumPy, Pandas, and scikit-learn.

Work Experience

MyToys Group, Berlin – *Process Automation Engineer*

12.2021 – now

- Job: Working Student
- Main task: Automation of internal "Product Management Excellence" team workflows
- Software Model: Scrum Model with 2 week sprints (Jira)
- Automating workflows by creating webapps and connecting to different API's with python (example: Jira)
- Filtering and cleaning data with python in excel and csv format
- Web Scraping to get information about products
- Checking data correctness with SQL and Python
- Focussed Python Libraries: **NumPy, Pandas, Requests, Tkinter, BeautifulSoup, Django, Flask, SQLAlchemy**

GetHenry, Berlin – *Data Collection and Reporting*

11.2021 – 12.2021

- Job: Minijob
- Entering bicycle information to google sheets (Data Entry)
- Checking whether each bike has the correct information (Data Control)
- Gained skill: **Detail Orientation**

Contact

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Spoken Languages

English (C1)

German (C2)

Turkish (C2)

Skills (Stars represent years)

Skill	Stars
Algorithms and Data Structures:	* * *
Analysis and Linear Algebra:	* *
API Usage:	* *
Assembly:	*
Automation:	* *
C:	*
Data Analysis / Visualisation:	* *
Flask	* *
Git:	* * *
HTML:	* * *
Java:	* * *
JavaScript:	* * *
Jupiter:	* * *
PowerBI	*
Probability and statistics:	*
Python:	* * *

Nutricia GmbH, Erlangen – *Company Overview Intern*

08.2018 – 08.2018

- Visiting different departments and understanding the big picture
- Recording the complaints through **SAP**

Projects

More projects in: https://kiran1226.github.io/devportfolio/

Machine Learning (Group Project)

04.2023 – now, Berlin

- Looking at the use cases of unsupervised learning
- Trying to implement different algorithms
- Used Python Libraries: **Torch, Numpy, Torchvision**

Visual Perception Bachelor Thesis (Individual Project)

10.2022 – 03.2023, Berlin

- Analyzing and Plotting different experiment data from literature
- Predicting a new experiment results through the analyzed data with the help of linear regression
- Used Python Libraries: **Pandas, numpy, scipy, math, seaborn, matplotlib, os**

Data Science (Group Project)

04.2021 – 08.2021, Berlin

- Aiming to guess songs future trajectory in Billboard 100 by analyzing the past weeks Billboard 100 place
- Aiming to answer the question: How can a song stay the longest in Billboard 100?
- Used Technologies: **matplotlib, seaborn, numpy, pandas, time**

Scientific Programming with Python (Individual Project)

04.2020 – 08.2020, Berlin

- 6 Mini school projects
- Goal: Learn implementing Linear Algebra with python

R:	*
SQL:	**
Scientific Research:	**
Tableau:	**
VS code:	***

Education

Technische Universität Berlin, Berlin – *M.Sc.*

2022 – now, Berlin

Study Of Information Systems Management

Technische Universität Berlin, Berlin – *B.Sc.*

2018 – 2023, Berlin

Study Of Computer Science

Deutsche Schule, Istanbul – *High School.*

2013 – 2018, Istanbul

Certificates:

IBM Data Science Course

A 5 month Data Science Course to train candidates on a "Junior Data Scientist Level".
Here is the link for a better description:
https://www.coursera.org/professional-certificates/ibm-data-science

Hobbies:

Beach Volleyball

F1

Traveling