Burak Kiran

Computer Scientist

I am a 24 year old Computer Scientist, who currently studies M.Sc. Information Systems Management at Technische Universität Berlin. Recently I have graduated from Technische Universität Berlin in B.Sc. Computer Science. I have been working at MyToys Group since December 2021 as a process automation engineer. I like improving myself in my freetime and believe a high number of the skills I gained are from my freetime projects. In the last 5 years I focused mostly on three topics and plan to continue my career with these topics: Full Stack Development, Data Science, Machine Learning. My personal webpage contains the github links and the descriptions for more projects in detail: https://kiran1226.github.io/devportfolio/

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**

Nutricia GmbH, Erlangen – *Company Overview Intern*

08.2018 – 08.2018

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

Contact

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Spoken Languages

English (C1)

German (C2)

Turkish (C2)

Skills (Stars represent years)

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

Projects

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**

Smart City and Autonomous Cars (Group Project)

10.2022 - 03.2023, Berlin

- Creating a secure traffic light system for autonomous cars
- Used Technologies: **Java, Maven**

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**
- **Git (Scrum Masters Repo):** https://git.tu-berlin.de/ravidhausmann/billboard-longevity- prediction

Scientific Programming with Python (Individual Project)

04.2020 - 08.2020, Berlin

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

SQL:	**
Scientific Research:	**
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

Study Of Computer Science

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:

Table-Tennis

Beach Volleyball

F1

Traveling