

# Mircea Ilie Ploscaru

## Student. Software Engineer.

Computer Science student with an interest in psychology and tech. Mac and Linux user. Programming and solving problems since forever. Currently flirting with Machine Learning and Existential Psychology. Usually reading hard books. Weightlifting every now and then.



### EDUCATION

## GOETHE UNIVERSITY FRANKFURT

Computer Science Bachelor | 2018 - 2025ish

### WORK EXPERIENCE

## Northern Data AG

Full-Stack Dev. / B.I. Analyst | Dec. 2021 - Now

- designed and developed a B.I. solution with a **PowerBI** front-end, **PostgreSQL** and **Python** tech-stack in the back-end — all on top of the **MS Azure** platform.
- automated data gathering for API and Web data
- did data processing / transformations, mostly **NumPy**, **Pandas** and some SQL
- developed tools to help colleagues in their workflow (**Python**, **Go**, **TypeScript**)

## SINETCON GmbH

IT Support | Nov. 2020 - Nov. 2021

- 2nd level and a tiny bit of 3rd level IT support in the financial sector

## INSTITUTE FOR BEE RESEARCH FRANKFURT

Data Scientist (freelance) | May 2020 - Aug. 2020 and July 2021 - Sept. 2021

- developed a **Keras / TensorFlow** training and a **Numpy / Scikit-Learn** data processing pipeline
- developed a **Computer Vision** solution to detect small objects
- **optimized** solution to run on an embedded system (RaspberryPi 4 + TPU Accelerator)

## CLOUDFLIGHT

Software Engineer | Sept. 2019 - March 2020

- collaborated in the development of an AI **python** (Flask) app
- developed familiarity with **ORM** (sqlalchemy, alembic)
- validated data for a **machine learning** model

## CONSIST SOFTWARE SOLUTIONS GMBH

Intern | Jan. 2019 - Aug. 2020

- introduced a **Jenkins** CI pipeline to an internal project
- helped integrate **Splunk** solution and dashboards with VMWare VSphere

## Spoken Languages:

Romanian (native), German (fluent), English (fluent), French (basics)

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