

DIMITAR DIMITROV

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🌐 dimitarcodes

in dimitarnetworks

EXPERIENCE

Data Scientist intern

MindAffect

📅 Apr 2023 – Jan 2024

📍 Ede, The Netherlands

- Improved the scalability of a data analysis pipeline for optimal utilization of GCP Compute Units.
- Conducted EEG data analysis and made product development recommendations based on the outcome.
- Worked on Bayesian active learning using Gaussian processes for improving a novel EEG-based hearing diagnostic tool.

Student Assistant

Radboud University Nijmegen

📅 Sept 2019 – Aug 2024

📍 Nijmegen, The Netherlands

- Refactored and streamlined the legacy Python code bases of BCI experiments.
- Created new Python assignments covering EEG data analysis.
- Developed an educational game for the Brain-Computer Interfacing course.
- Assisted students with machine learning-related theoretical questions and programming assignments.

Customer Care Representative

Sitel

📅 Mar 2018 – Jul 2018

📍 Varna, Bulgaria

- Resolved order-related inquiries from customers and restaurant partners of major food delivery service.
- Assisted restaurant partners by troubleshooting technical issues and handling account-related requests.

EDUCATION

MSc Artificial Intelligence

Neurotechnology & Healthcare Track

Radboud University Nijmegen

📅 Sept 2021 – Aug 2024

BSc Artificial Intelligence

Radboud University Nijmegen

📅 Sept 2018 – July 2021

TECHNICAL SKILLS

- Python, Java, SQL, MATLAB, HTML, CSS, JS, git, Docker, GCP, Azure Machine Learning, Azure Cognitive Services, \LaTeX , Linux CLI
- Data Science Libraries - matplotlib, seaborn, numpy, pandas, scikit-learn, scipy, gym, torch, tensorflow, jags, spark
- EEG Signal Processing Libraries - mne, scipy.signal, FieldTrip, MathWorks Signal Processing Toolbox

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals

EXTRACURRICULARS

RSC Gym Tracker

- Personal project. Scraping the university gym's reservation data and visualizing it to help avoid crowded timeslots.
- Tech stack: Python, chart.js, Github Pages, cron, Raspberry Pi

The Mad Thesis Supervisor

- An interactive text-based Choose Your Own Adventure-style educational game, aimed to verify students' knowledge about building a BCI pipeline for the classification of oscillatory signals.
- Tech stack: HTML, CSS, JS, git, Quest.js, GitHub Pages

CognAC WebC Volunteer

- Participated in the Website Committee of the AI Study Association at Radboud University - CognAC as a full stack developer and web designer. During my time in the committee we overhauled the design and completely revamped the website.
- Tech stack: HTML, CSS, JS, FreeMarker, Kotlin, Ktor, Docker