Michail-Panagiotis Bofos

MSc. Artificial Intelligence Candidate (Expected July 2025)

⊙ mbofos01   in michail-panagiotis-bofos   ✉ mbofos@outlook.com   ☎ +(31)0616755813

Education

UNIVERSITY OF CYPRUS | Bachelor's in Computer Science
September 2018 - June 2022 | Nicosia, CY

- → 240 ECTs program
- → Graduated with GPA: 8.38 / 10

UNIVERSITY OF UTRECHT | Master's in Artificial Intelligence
September 2023 - Current | Utrecht, NL

- → 120 ECTs program
- → Current GPA: 7.78 / 10

Working Experience

COGNITIVE UX GMBH | Software Engineer & Researcher
July 2022 – July 2023 | Heidelberg, Germany

- → Virtual Reality development with A-Frame
- → Front-end development with HTML5, JavaScript and CSS3
- → Back-end development with on Django framework & Postgres
- → Server-Client communication with AJAX
- → Development & Documentation of API with Swagger and Postman
- → DevOps basics with Docker and Docker Compose
- → Version control with Git/GitHub
- → Organizing and planning using Notion
- → Keeping meeting minutes in technical and virtual meetings
- → Demoing and presenting developed platforms in meetings and multiplier events

NETWORKS RESEARCH LABORATORY (NETRL) | Software Engineer & Researcher
March 2023 – July 2023 | University of Cyprus

- → User authentication via keystroke patterns using Random Forests
- → Demoing and presenting developed platforms in meetings and multiplier events

Work Projects

ERASMUS+ 2021 CREAMS | 2021-1-EL01-KA220-HED-000027597
July 2022 – July 2023

- → Designed and implemented a Web Framework and open-source tools
- → Lead development and integration activities
- → Preparation of deliverables
- → Presentation of the platform

ERASMUS+ 2020 TRUSTID | 2020-1-EL01-KA226-HE-094869
July 2022 – May 2023

- → Testing and advising regarding systems programming and machine learning
- → Developed a keylogging user authenticator using Random Forests

Information

Address: Utrecht, Netherlands

Nationality: Greek

Birthday: 22th of July 2000

Relevant Courses

Object-Oriented Programming
Data Structures and Algorithms
Adv. Software Engineering
Systems Security
Human-Computer Interaction
Machine Learning
Web Technologies
Deep Learning & Pattern
Recognition
Evolutionary Computing
Natural Language Processing
Human-Centered Machine
Learning
Data Science for Society
AI-Driven Content Generation

Skills

PROGRAMMING

Proficient:
Python • Java • C • JavaScript
Bash • SQL • HTML • CSS

Experienced:
C++ • C# • CUDA • LaTeX

Familiar:
Powershell • Batch • Assembly

LIBRARIES/FRAMEWORKS

Django • A-Frame • Keras
PyTorch • Pandas • Optuna
OpenSSL • RabbitMQ •
Pthreads

TOOLS/PLATFORMS

Git/GitHub • Docker • Linux
Notion • Postman • Wireshark
Proto.io • Balsamiq • VM Ware

LANGUAGES

English (Proficient) • Greek
(Native) • French (Basic)

Bachelor Thesis Project

NATURAL GAS DEMAND PREDICTION SYSTEM USING ADVANCED RECURSIVE NEURAL NETWORKS (LSTM & GRU) | Python, Tensorflow and Keras

September 2022 - June 2022

- → Created a system that makes an hourly natural gas demand prediction
- → Used Long-Short Term Memory and Gated Recurrent Units Networks
- → Predictions made using meteorological data
- → Used Pandas for data manipulation, Keras for the neural network implementation and Matplotlib for plots
- → Currently attempting to publish

Master Thesis Project

AUTOMATED DETECTION OF POSITIVE/NEGATIVE SHYNESS IN CHILDREN FROM VIDEOS | Python

November 2024 - Current

- → Preprocessed real experimental data from a psychology research
- → Used video models like VideoMAE, VideoMamba, and VideoLLaVa to classify snippets of videos.

References

Chris Christodoulou
Professor and Department ex-Vice-Chair, University of Cyprus
- ✉ cchrist@ucy.ac.cy
- ☎ (+357) 22892752

Marios Belk
CEO of Cognitive UX GmbH, Visiting Lecturer, University of Cyprus
- ✉ belk@cognitiveux.com
- ☎ (+357) 99753621

Itir Önal Ertuğrul
Assistant Professor at Utrecht University
- ✉ i.onalertugrul@uu.nl