

Experience

Yale Institute for Network Science Research Engineer

November 2021 - Present

- Network Efficiency in Deep Learning at the Edge
- Deep Learning DataLoaders Benchmarking
- Decentralized Finance on Ethereum Blockchain

Center of Research & Technology Hellas Research Assistant

July 2021 - September 2021

- tripR : R Package Development for Genomics Analysis
- R | Bioconductor | Software Development

Buddhatech Software Developer Intern

July 2019 - October 2019

- Web Platform for Sports Centre Administration
- Python - Django | SQL | JavaScript

Publications

An Overview of the Data-Loader Landscape: Comparative Performance Analysis

- DL DataLoaders Benchmarking

Projects

Master Thesis: Data Analysis on Keystroke Dynamics for Emotion Recognition using Machine Learning

February 2020 - July 2020

- Data Analysis on User Typing Patterns
- Machine Learning | Python | R

Ptosis: Fall Detection Android App for the Elderly

January 2018

Copenhagen Bioinformatics Hackathon 2020

remote | 2020

References

- L. Tassiulas, Professor, leandros.tassiulas@yale.edu
- F. E. Psomopoulos, Principal Investigator C' fpsom@certh.gr
- L. Hadjileontiadis, Professor, leontios@auth.gr

Education

Ph.D. Yale University Department of Electrical Engineering 2023 - Present

M.Eng | Electrical & Computer Engineering Aristotle University of Thessaloniki | 2014-2020

Erasmus+ Information Technology Brno University of Technology | 2018

Coursework

Communications

Signal Processing • Mobile Communications
Telecommunication Systems • Electromagnetic Waves

Computation

Pattern Recognition • Distributed Systems
Data Structures • Databases • Embedded Systems
Computer Architecture • Computer Networks
Structural & Object Oriented Programming

Mathematics

Probability & Statistics • Linear Algebra
Discrete Mathematics • Numerical Analysis
Complex Mathematics

Skills

Languages

familiar: • Linux Shell Scripting • Java
• Matlab • C/C++ • Solidity
• CSS • HTML

experienced: • Python • R • Go

Machine Learning

libraries: pandas • scikit-learn • numpy
• matplotlib • seaborn

General

languages: Greek • English

software: • Git • Kubernetes • Docker
• Android Studio • Django • \LaTeX
• Jupyter Notebook

OS: Linux (ubuntu), Windows

databases: SQL (MySQL, MariaDB, Neo4j)

IDEs: Visual Studio Code