Panagiotis Tsoukas
Electrical and Computer Engineer

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Education

M.Eng./B.Eng. Electrical & Computer Engineering
University of Thessaly, Greece
2017 – 2024
GPA: 7.79/10

High School
Model Experimental Lyceum of Mytilene, Greece
2013 – 2016

Extracurricular

Contests
Amazon Alexa 2019 Prize: Pythia, a socialbot that controls conversation's transitions through a 2d subject map

Volunteer
Member: IEEE Student Branch of Thessaly since 2017
Manager: IEEE Soft Skills Project
Host: PreSFHMMY 2020 Contest

Military Obligations
Fulfilled - Military Police Department

Hobbies
Rowing
Chess

Projects

- **Training Spiking Neural Networks**
  Undergraduate Thesis/Pytorch/MNIST/CIFAR-10/LesNET Datasets
- **Juice Line Production**
  Scada, PLC, Logosoft
- **Agrojason Automation Greenhouse**
  Angular, Python, Arduino, Backend Developer
- **Credit Card Fraud Detection**
  Custom Dataset, Linear Regression, PyTorch
- **Fakenews Detection & Analysis**
  Python, Matplotlib, PyTorch
- **National Blood Bank Service App**
  Javascript, SQL, Java
- **Online Store Website**
  HTML, PHP, CSS, Javascript, React, Node.js
- **Electrical Network Analysis with buses**
  Powerworld

Courses

Course	Grade
Machine Learning	8.5/10
Artificial Intelligence	9/10
Industrial Automation & Control	8/10
Pattern Recognition	9.5/10
Information Retrieval	9/10
Computer Networks I	9/10
Logic & Functional Programming	10/10
Power Systems I	7/10
Circuit Analysis I	9/10

Skills

Python

C/C++

HTML/CSS/JS

SQL/MongoDB

Java

Matlab

Angular/React

GitHub

LaTeX

Pytorch

Languages

Greek: Native
English: C2 Level
German: B1 Level