• Contact

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• Skills

Pro-Active
●●●●●
Excellent

Can-do Attitude
●●●●●
Excellent

Project coordination
●●●●○
Very Good

Problem resolution
●●●●○
Very Good

Teamwork / Collaboration
●●●●○
Very Good

Project documentation
●●●●○
Very Good

Excellent communication skills
●●●●●
Excellent

Ioannis **Prokopiou**

Computer Engineer - Final Year Student (Expected Graduation Date: Summer 2022)

Computer Engineering and Informatics Department, University of Patras, Greece. Five-year curriculum leading to the Diploma of Computer Engineering & Informatics (accredited as Integrated Masters).

Thesis: Reinforcement Learning on Robot Control with Vision Transformers. Main interest areas: Artificial Intelligence (Machine/Deep Learning), Quantum Computing, Internet of Things, 5G and Big Data.

Self-motivator devoted to find reliable solutions for software issues, with complete understanding of entire software development lifecycle. Familiar with several programming languages, including Python, C, C++, MySQL, JavaScript and Java. Programmer experienced with team management as part of extracurricular activities, focused on driving progress toward project milestones, quality assurance and on-time delivery. Experienced with the use of various software tools to develop customer-focused designs. Fan of Hackathons and Coding Competitions: Junction 2020, Google Hash Code 2020 & 2021, Reply Code Challenge 2020 & 2021.

Fluent in English (Michigan Proficiency) and advanced Spanish accustomed to working with cross-cultural, global teams. Excellent communicator with ability to meet deadlines and quickly resolve issues.

Goal-oriented with strong commitment to collaboration and solutions-oriented problem-solving. Committed to high standards user experience, usability, and speed for multiple types of end-users with customer-driven nature and focus on working as part of team.

Team leadership

●●●●○ Very Good

Oral and written communication

●●●●● Excellent

Planning and implementation

●●●●○ Very Good

Self-motivated

●●●●● Excellent

Listening - Accepting Feedback

●●●●● Excellent

Adaptability

●●●●● Excellent

Competitive spirit with a passion for results

●●●●● Excellent

• Software

Matlab/Assembly/C/MySQL/Prolog/HTML/CSS

●●●○○ Good

Networks

●●●○○ Good

Python, C++, Java, JavaScript

●●●●○ Very Good

Microsoft Office

●●●●● Excellent

• Work History

2021-07 – 2021-10

Software Engineer Intern

Worked under Vassilis Tsogkas (Sr Manager, Engineering), 2470 Citrix Greece MEPE, Patra, Greece
Networking & Cloud (under Raghuraman Sethuraman).

- Provided solutions to given problems.
- Prepared technical documentation and generated reports.
- Supported all performance engineering team operations.

2020-01 - Present

Lab Assistant – Undergraduate Researcher

Worked under Christos J. Bouras (Academic Professor at Computer Engineering & Informatics Department, University of Patras & Rector), Patra Distributed Systems and Telematics Lab.

- Researched Machine Learning/Big Data/5G towards first paper publication
- Wrote a 75-page (~ 30.000 word) – book chapter about Internet of Things.
- Prepared technical documentation and generated reports.
- Supported all computer lab operations.
- First publication under review on the use of Machine Learning on 5G networks for Resource Allocation
- Two publications in preparation (MIMO & AI on 5G)

2019-06 - 2019-08

Non-technical Work Experience

Waiter, Punda Coast, Paros

- This position in the tourist service sector was a valuable experience as it brought me into contact with many people from diverse background and cultures.

Data structures

●●●●○
Very Good

Operating Systems

●●●●○
Very Good

Data bases

●●●●○
Very Good

Artificial Intelligence
(Machine/Deep Learning)

●●●●○
Very Good

• Languages

English

●●●●○
Superior

Spanish

●●○○○
Intermediate

Greek

●●●●●
Native

• Education

2021-01 - 2021-07

Erasmus Student

Escuela Técnica Superior de Ingeniería de Sistemas Informáticos de la Universidad Politécnica de Madrid, Spain

- Security (course)
- Ethical and social aspects of Technology (project & course)
- Data Mining (course & Neural Network Project)
- Intelligent Agents (course & project: Optimization, NN, WEB Scraping)
- Spanish (course – B1.2 level)
- Samsung Innovation Campus Artificial Intelligence course 2021 (Scholarship Program: Statistics, Python, Machine/Deep Learning, PyTorch, TensorFlow etc.)
- Selected Projects: Estimation of the sale price of vehicles, Unsupervised learning about network profiles, Rain Prediction

2015-09 - 2020-06

High School Diploma

16th Public General Lyceum, Athens, Greece

- Graduated at Top 10 % of class (17/20 GPA)
- Attended MUN (Model United Nations) in which my communication and my problem-solving skills were put to the test
- National exams GPA to enter university: 16.215/20.000
- Elected President of the student council school in 2017
- Elected Captain of the Basketball Team (2016)

2017-09 - Present

Undergraduate Student: Computer Engineering and Informatics

Computer Engineering & Informatics Department, University of Patras, Greece

- Member of Professor's Christos Bouras Lab as an undergraduate student researcher
- Five-year curriculum Diploma with intergrade

Masters

- Ranked 24th in the admission exams
- Remaining courses for completion: 6
- Courses completed: 47
- Current GPA: 7,5/10
- Voluntarily worked as a Lab Assistant in Artificial Intelligence Lab
- Elective courses(with projects): Multidimensional Data Structures, Data Mining, Data Retrieval, Decision Theory, Cryptography, Natural Language Processing, Distributed Systems, Quantum Computing, Parallel Machine Learning & Optimization, Robotics
- Selected Projects: Prediction of the evolution of the coronavirus pandemic (Decision Theory), locality-sensitive hashing (Multidimensional Data Structures), Developed a Python Compiler (Programming Languages)
- Attended all of my department's optional seminars (CEID seminars & Social Hour)
- Member of Student Council

• Extracurricular Activities & Additional Information

- _**GitHub**_: https://github.com/GiannisProkopiou
- _**Team Leader**_/coordinator of the Academy team of EESTEC LC Patras in which I had to manage a group of people and, working towards the same goal, evolve all of us to a Team. We were responsible for all the academic seminars/events of the organization from Professors and Companies.
- _**Funding Assistant**_ of the EESTEC LC Patras in which i had to put my communication skills to the test. Successfully, i had the responsibility to reach a two-way interest deal for both out team and the company/individual.

• Interests

Traveling	|	Deep/Machine Learning – A.I.
Gym	|	Big Data
Movies	|	Internet of Things
Music	|	5G
Basketball	|	Ethical Hacking
Games	|	Game Theory
Books	|	Quantum Computing

➔ I like problem-solving and my field is mostly Artificial Intelligence, usually working with Python. My hobbies include movies/series, food and gaming but I am more passionate about basketball, music, travelling with friends and making people laugh. I just love to make an impact at everything I do and make my environment happier and better. 😊

• Recommendations