Andreas **Panayiotou**

8, Imvrou, Mesa Geitonia, 4005, Limassol, Cyprus

(+357) 96517330 | apanay20@ucy.ac.cy | linkedin.com/in/andreas-panayiotou-cs | apanayiotou.com

EDUCATION

University of Cyprus
PhD Computer Science
Nicosia, Cyprus • 09/2022 — Present

Topic: Populated Virtual Environments

University of Cyprus
MSc Computer Science
Nicosia, Cyprus • 01/2021 — 06/2022

Thesis: Crowd simulation by Deep Reinforcement Learning

University of Cyprus
BSc Computer Science
Nicosia, Cyprus • 01/2017 — 01/2021

Thesis: Shift scheduling software and mobile application
for Ambulance Service Cyprus

WORK EXPERIENCE

Research Associate, CYENS - Centre of Excellence
V-EUPNEA MRG: Living, Breathing Virtual Worlds
Nicosia, Cyprus • 09/2021 — Present

- Crowd Simulation
- Machine Learning
- Computer Animation

Internship, CYENS - Centre of Excellence
V-EUPNEA MRG: Living, Breathing Virtual Worlds
Nicosia, Cyprus • 06/2021 — 07/2021

- Teaching Virtual Crowds How to Behave
- Unity3D | ML-Agents Toolkit | TensorFlow
- Imitation and Reinforcement Learning
- Character Animation

Internship (IT Department), Bernhard Schulte Shipmanagement (BSM)
Limassol, Cyprus • 06/2018 — 07/2018

- Support company core network
- Provide technical support to employees
- Communicate with company partners located abroad to learn the use of maritime software
- Upgrade and repair of computer hardware

CERTIFICATES

Machine Learning Specialization
08/2022
DeepLearning.AI
● Supervised Machine Learning: Regression and Classification ● Advanced Learning Algorithms ● Unsupervised Learning, Recommenders, Reinforcement Learning

Internet of Things for IT Professionals
01/2021
SEnDIng - Sector Skills Alliance for the design and delivery of innovative VET programmes to Data Science and Internet of Things professionals

Pure Mathematics A-Level
06/2014

Pearson Edexcel International

English as a second Language
06/2014

Cambridge International Examinations

Computing A-Level
06/2013

Cambridge International Examinations

PUBLICATIONS

Andreas Panayiotou, Theodoros Kyriakou, Marilena Lemonari, Yiorgos Chrysanthou, and Panayiotis Charalambous. 2022. CCP: Configurable Crowd Profiles. In ACM SIGGRAPH 2022 Conference Proceedings (SIGGRAPH '22). Association for Computing Machinery, New York, NY, USA, Article 53, 1–10. doi.org/10.1145/3528233.3530712

LANGUAGES

Greek (native), English (fluent)

TECHNICAL SKILLS

Languages: C, C++, C#, Python, Java, Pascal, ARMv8, Prolog
Programming Tools: Unity3D, Unreal Engine, Visual Studio, PyCharm, Eclipse, Git
Web/Mobile Development: HTML, CSS, JavaScript, PHP, Node.js, Bootstrap, Apache Cordova, XAMPP
Operating Systems: Microsoft Windows, Linux, Unix
Other: TensorFlow, OpenGL, OpenCV, NetworkX, ZeroMQ, OOP, UML, SQL

SOFT SKILLS

Problem-solving, Decision Making, Teamwork, Communication, Time management, Active listening, Creativity, Adaptability, Responsibility

---

REFERENCES

Available upon request.