Charalambos Georgiades

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PROFESSIONAL SUMMARY

Master's graduate with a strong background in machine learning and artificial intelligence, seeking to apply skills and expertise in a professional environment. Highly motivated to tackle real-world challenges and contribute to impactful projects through research and practical applications. Committed to continuous learning and collaborative work, with a passion for developing innovative solutions and driving meaningful progress.

WORK HISTORY

Teaching Assistant, 09/2022 - 06/2024
The University of Sheffield - Sheffield, UK

- Guided over 150 students in foundational concepts across first- and second-year lab sessions, enhancing comprehension across 6 modules.
- Received positive student feedback through end-of-course evaluations, frequently noted for clear explanations and supportive teaching approach.
- Advised on and shared supplementary resources (handouts, problem sets) that contributed to improved student engagement and understanding. Many students reported finding these materials helpful for exam preparation.
- Supported course retention by providing one-on-one guidance to students struggling with coursework, helping them stay on track.

Research Assistant, 07/2022 - 09/2022
KIOS Research and Innovation Center of Excellence - Nicosia, Cyprus

- Developed high-performance object detection and tracking models, significantly improving accuracy and efficiency in target recognition tasks. Created interactive, publicly available demos that increased visibility and accessibility for both researchers and the public.
- Enhanced dataset quality and model reliability by collecting and meticulously labeling extensive datasets used in model training, contributing to more robust model performance.
- Expanded the KIOS website, adding a substantial number of new pages where demos and associated academic papers can be accessed, facilitating greater public engagement and academic dissemination.

Soldier, 07/2019 - 09/2020
Cyprus National Guard - Nicosia, Cyprus

- Served a 14-month term with the Cyprus National Guard in an infantry division, gaining hands-on experience stationed on the front lines.
- Engaged in rigorous tactical training that enhanced unit readiness, coordination, and effectiveness in high-stakes scenarios.
- Promoted to lance corporal upon discharge, the highest attainable rank through demonstrated discipline, tactical expertise, and leadership.

SKILLS

- **Web Technologies:** HTML5, CSS3, JavaScript
- **Programming Languages:** Python, Java, Haskell, Ruby on Rails, Flutter, SQL
- **Microsoft Office:** Microsoft Office Suite
- **Database Management Systems:** SQLite, PostgreSQL, MySQL
- **Machine Learning Tools:** TensorFlow, Keras, PyTorch, Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn
- **Miscellaneous:** Linux, Git, Apache Spark, OpenGL, ROS
- **Languages:** English, Greek

EDUCATION

Master of Science: Cybersecurity and Artificial Intelligence, 09/2023 - 09/2024
The University of Sheffield - Sheffield, UK

- Grade: Distinction
- Dissertation: Uncertainty Quantification in Machine Learning for Alzheimer's Diagnosis: An Alternative to Multimodal Fusion

Bachelor of Science: Computer Science, 09/2020 - 06/2023
The University of Sheffield - Sheffield, UK

- Grade: First-Class Honours
- Dissertation: Automating the tracking of individuals across multiple scenes/shots in video using a Deep Neural Network