

Alexandros Zenonos, Ph.D.

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PERSONAL PROFILE

Experience in industry and academia helped me develop a wide range of transferable skills; problem solving, teamwork, eagerness for continuous learning. I am a self-motivated researcher and data scientist who strives for excellence in what I do. I enjoy work academic-like environments that promote collaboration and allow creativity and brainstorming for new ideas.

WORK EXPERIENCE

Data Science Consultant – Accenture (**November 2018 - Present**)

- Working on an uplift modelling problem end to end for an international client.
- Worked on a large-scale Data Science Lifecycle asset.

Data Scientist – Capgemini (**November 2017 – November 2018**)

- Worked on AI Proof of Concepts (PoCs) for the private and public sector.
- Use of state-of-the-art machine learning algorithms, techniques and tools (e.g. Pandas, Sklearn, Gensim, Tensorflow, OpenCV).
- Developed communication skills with clients and managers.
- Responsible for the organization of internal events for the UK practice and point of contact for academic collaborations.

Teaching Assistant – University of Southampton, UK (**Spring 2016**)

- Provided programming tuition to students.
- Gave support during practical programming (Java) tutorials.
- Assisted with marking.
- Supervised software engineering group projects.

Data Scientist Research Intern – Toshiba Telecommunications Research Laboratory, Toshiba Research Europe Limited (**Autumn 2015**)

- Subject: HealthyOffice: Mood Recognition At Work Using Wearables.
 - Involved in the planning of a user study.
 - Configured physiology sensors in Python.
 - Send/Receive data to an SQL database.
 - Involved in all the stages of data analysis (Data collection, Feature Selection/Extraction, Machine Learning).
 - Machine Learning in MATLAB (Regression/ Classification).

Software Engineer Intern – Software Systems Engineering Group of University College London (**Summer 2011**)

- Subject: Android mobile application that provides personalised travel services by means of (implicitly and explicitly) crowd-sourced data.
 - Programmed and delivered Android application in Java using Android SDK.
 - Server-side development (Python) using web service hosted on Google App Engine.

Research Assistant – Networks Research Laboratory of University of Cyprus (**Summer 2010**)

- Subject: Programming in Objective-C for iPhone application.
- Programmed and delivered a basic GPS application in Objective-C for University of Cyprus.

Sergeant – Military Service at National Guard of Cyprus (**2007-2009**)

- Developed leadership, supervisory/management skills, confidence and self-discipline
- Realisation of the responsibility of authority especially during conditions of pressure

EDUCATION

University of Southampton – UK – PhD Artificial Intelligence (2013-2017)

- Research Topic: Coordinating measurements for environmental monitoring in uncertain participatory sensing settings
- Research Interests: Probabilistic modelling using stochastic processes (Gaussian processes), machine learning, artificial intelligence, multi-agent systems, algorithm design
- Developed a novel coordination algorithm and framework
- Presented research in international conferences
- Supervisors: Prof. Nicholas R. Jennings (h-index:119) and Dr. Sebastian Stein

Imperial College London – UK – MSc Advanced Computing (Merit) (2012-2013)

- Modules: Machine Learning, Machine Learning and Neural Computation, Intelligent Data and Probabilistic Inference, Computational Neurodynamics, Multi-Agent Systems, Computer Vision, Software Engineering for Industries, Knowledge Representation, Distributed Algorithms
- Summer Project: Unsupervised Learning Approaches to Intention Recognition (**Grade 78%**)

University College London – UK – BSc Computer Science (1st class honours) (2009-2012)

- Modules: Cognitive Systems and Intelligent Technologies, Computational Complexity, Discrete Mathematics, Database and Information Management Systems, Technology Management and Professional Issues
- Final Year Individual Project: Hack into smokers' behaviour: An investigation of smoking behaviour and promotion of behaviour change (**Grade: 74%**)
- Final Year Group Project: SocialSTREAM (**Grade: 75%**)

Kykkos B Lyceum, Nicosia, Cyprus – Overall Grade: 98.75%

- Majors: Mathematics, Physics, Computer Science, CISCO networking systems

GCE "A" level:

- Mathematics (A), Statistics (A), Computing (A)

ACHIEVEMENTS

- 1 A* Journal Article (Journal of Artificial Intelligence Research - JAIR)
- 3 A* Conference papers (AAMAS 2015, AAAI 2016, HCOMP 2017)
- 1 A* Workshop paper (PerCom 2016)
- 1 Patent submitted
- Reviewer ARDUOUS 2017, HCOMP 2018, AAAI 2019, TSUM 2019

KEY SKILLS

Preferred Languages and Tools: Python, Postgresql, MATLAB, Git, Docker, High Performance Computing (HPC), R, Java

PERSONAL INTERESTS

- Sports (watching and playing football)
- Reading (non-fiction books)
- Travelling (22 countries so far)

LANGUAGES

- Greek (Native language)
- English (Fluent)

References are available upon request