

EDUCATION

UNIVERSITY OF STRATHCLYDE

Ph.D. in Computer Science

Exp. End Date: Oct/2020

Conc. Machine Learning, Text
Processing & Information
Retrieval
Glasgow, UK

UNIVERSITY OF STRATHCLYDE

PG RDP Cert | Exp. End Date:

Oct/2020

Glasgow, UK | ECTS 25 / 60

UNIVERSITY OF STRATHCLYDE

M.Sc. in Advanced Computer
Science

Glasgow, UK | Grade 69% (Merit)

HAROKOPION UNIVERSITY

B.Sc. in Informatics and
Telematics

Athens, Greece | Grade 7.42/10 (Merit)

**2ND GENERAL LYCEUM OF VRILISSIA,
TECHNOLOGICAL STREAM**

Athens, Greece | Grade 17.8 / 20

LINKS

Github:// [it21208](#)LinkedIn:// [alexandrosioannidis](#)Twitter:// [@it21208alex](#)

COURSEWORK

GRADUATE

Advanced Machine Learning

Information Retrieval

(Research Asst. & Teaching Asst)

UNDERGRADUATE

Software Engineering

Operating Systems (Linux, Windows)

Artificial Intelligence

Unix Tools and Scripting

A bit of Functional Programming

SKILLS

PROGRAMMING

Over 20,000 lines:

R • Python • Java • JavaScript • HTML

• Oracle SQL • \LaTeX

Over 3,000 lines:

MySQL • MATLAB • SPIM MIPS • C

Familiar:

Apache Lucene • Apache Spark • SQL Plus

EXPERIENCE

NEWSLINES | RESEARCHER - DATA ANALYST

Aug 2017 – Sep 2017 | Glasgow, UK

- Text processing on media news stream using Python libraries such as nltk, beautiful soup, scikit-learn, pandas, numpy, re and many more.

CENTRAL BANK OF GREECE | TECHNOLOGY ANALYST INTERN

Jul 2015 – Jul 2016 | Athens, Greece

- Participation in the implementation/migration to the Eurosystem Target II Security and database (production & test) management.
- Operation of FT Console System for monitoring components of the Secondary Securities Market and contributed to the Bonds Report Server System in VS2012 & VB2012.

PROJECTS

STRATHCLYDE-ISCHOOL LAB | PH.D. RESEARCHER

Sep 2017 – Present | Glasgow, UK

Information Retrieval and Machine Learning on empirical systematic reviews.

UNIVERSITY OF STRATHCLYDE | POST GRADUATE RESEARCHER

Feb 2017 – Jul 2017 | Glasgow, UK

The purpose of the research was to assert the generality of the predictive RFMTC model as an improved more customisable alternative of the RFM model and other Machine Learning algorithms such as (SVM, Random Forest, K-Means, etc.) and justify the additional implementation complexity of some model parameters such as time since first purchase or donation of a customer in a certain period and churn rate as a productive one. Used extensively the R scripting language and CRAN repository for the minimisation of objective non linear functions and Excel.

HAROKOPION UNIVERSITY LAB | UNDERGRADUATE RESEARCHER

Jan 2016 – May 2016 | Athens, Greece

Extended a system that encourages users of a website by proposing new films tailored to the needs of each user. More specifically, the algorithm that was parallelized with Java and Apache Spark, is the third optimal algorithm in the Kaggle competition conducted by Netflix to find the best collaborative filtering algorithm for predicting user ratings for films based on previous reviews.

WORKSHOPS

May 2017	J.P. Morgan Glasgow	Big Data Analytics Introduction
2016	University of Piraeus, Athens	Fosscomm 2016
2014-2015	ATHENA Research & Innovation Center	Agriculture Development Systems
2014	Technopolis Innovation Center Athens	Presentation & Communication

AWARDS

2017-2020	Univeristy of Strathclyde	Ph.D. Scholarship Award (Stipend&Bursary)
Dec 2016	J.P. Morgan Glasgow	3rd place in Machine Learning Workshop
2016	TEDX Strathclyde	1st place Design Challenge
2016-Present	BCS	Student Member

REFERENCES

Univeristy of Strathclyde	Dr Martin Halvey and Dr Leif Azzopardi
Central Bank of Greece	Directors Dr Eythimios Gatzonas and Mr George Stubos