

Ioannis Koutoulakis | CV

Chantry Court, BS1 5DH – Bristol, UK

☎ (+44)07780594985 • ✉ koutoulakis.ioannis@gmail.com

🌐 <https://www.linkedin.com/ioannis-koutoulakis>

<https://koutoulakis.github.io/>

Education

Msc in Advanced Computing

Data Mining, Machine Learning and High Performance Computing,
University of Bristol, UK
GPA – expected

2016–Present

Bsc in Informatics and Telecommunications

University of Athens, Greece,
Focus on applied Informatics, GPA – 7.28/10

2009–2014

Relevant Work Experience

Intern at Codly

Cairo, Egypt,

June–July 2015

Internship along with a worldwide non-profit organization called AIESEC, in a start up company in Cairo, Egypt for two months, focusing on android and web application development

Research Assistance

University of Athens, Greece,

October–March 2015

I had the honour to join a university team under mister Katakis' guidance, to help, as part of my thesis, implement the algorithm described in the paper : Mining Opinion Words and Opinion Targets in a Two-Stage Framework Liheng Xu, Kang Liu, Siwei Lai, Yubo Chen and Jun Zhao, published in ACL13 conference, in order to evaluate the proposed domain specific polarity lexicon to the one created by Pantelis Agathangelou, Ioannis Katakis, Fotios Kokkoras, Konstantinos Ntonas in the paper : Mining Domain-Specific Dictionaries of Opinion Words, published at WISE 2014 conference. (<http://deixto.com/niosto/>)

Programming Languages and Frameworks

Advanced: C/C++, Java

Intermediate: Python, Java Server Pages, php, MySQL, JavaScript, Google Maps Javascript api version 3, MVC Spring, velocity, html, CSS, L^AT_EX, OpenMP, MPI, CUDA, voicexml, Matlab/Octave, Opencv, Weka, Scikit-Learn

Basic: Bash Scripting

Projects and Coursework

Data Mining

- Sentiment analysis in Twitter posts - Tests using various clustering / classification algorithms (Using Java, and a machine learning tool called Weka)
- LCSS algorithm implementation in taxi routes in China - Visualization in Google Maps (Using Java)

Web Technologies and Database Systems

- o Website creation connected to a database (relational DBMS with MySql-Workbench).
Implemented using :
 - Tomcat apache server, with php to handle the actions of the web-page form buttons etc, in Netbeans IDE. (with Html/Css. Javascript for validation. Google Maps Api v3 was used as well.)
 - Tomcat apache server, java server pages and velocity with spring mvc framework to handle actions, synchronization etc, in Eclipse IDE.

Parallel Programming

- o Jon Conway's Game of Life: Implementation and experiments (using MPI, OpenMP,CUDA)

Miscellaneous

- o Artificial Intelligence (Project : Implementation of finding a labyrinth's exit using A star algorithm from google code repository with three different heuristics in python)
- o Algorithms in Data Structures (Project: Reverse search engine implementation - SIGMOD 2013 (simplified using C)
- o Operating Systems - System Programming (Various Projects : Server client implementation with epoll,bash scripting, creating and synchronizing multiple processes using mutexes etc. implemented in C)
- o Object Oriented Programming (Project : Rpg like game in C++ with no graphic environment (using basic inheritance logic, overloading functions etc)
- o Phone calculator using voicexml (uploaded and tested on voxeo)

Activities & Events

10/05/2015: Completed online coursera course for Programming Mobile Applications for Android Handheld Systems: Part 1 (certification available on linkedin)

10/02/2015: Created a simple site for a start up event company in Belgium (cmproductions.eu)

12/09/2014: Completed Stanford university online coursera course for Machine Learning

20/11/2011: Attended Seminar: Public relations, a tool for business development

19/11/2011: Attended Seminar: Application development on windows phone, powered by Microsoft

18/11/2011: Attended Seminar: Broadband Networks

Languages

Greek: Native

English: Proficient level

French: Intermediate level (B1)

References

Available upon request