

Constantinos Orphanides

CONTACT INFORMATION 66 Hartley Court mobile: +44 75 99 714328
Lock 38 email: c.orphanides@outlook.com
ST4 7GG web: constantinosorphanides.com
Stoke-On-Trent, United Kingdom so: stackoverflow.com/users/4302070/trashr0x

KEY AREAS Software Engineering, Formal Concept Analysis, Data Mining, Business Intelligence, Semantic Web

PROFESSIONAL EXPERIENCE **bet365**, Stafford, UK **November 2016 – present**
- *Senior Software Engineer*

Tech: ASP.NET MVC/Web API (full-stack), WPF, WCF, WinForms, MVVM, TDD, SQL Server, AccuRev, git

Sheffield Hallam University, Sheffield, UK **February 2015 – November 2016**
- *Technical Researcher*

Technical researcher & software engineer at CENTRIC (Center of Excellence for Terrorism, Resilience, Intelligence and Organized Crime). Worked on the European Commission 7th Framework Programme (FP7) ATHENA project (www.projectathena.eu), where social media were harnessed to facilitate the actions of citizens, first responders and command & control centres in crisis situations. Prior to ATHENA, I worked on the EU FP7 ePOOLICE project (www.epoolice.eu), in the area of environmental scanning for organized crime detection.

Primary Responsibilities:

- Development of a machine learning ReST API, using ASP.NET Core and Microsoft Azure, to assess the credibility of user-generated reports of crises unfolding in real-time.
- Development of a ReST web service, using .NET 4.6, to crawl documents originating from websites, RSS feeds and social media posts (Twitter and Instagram).
- Development of Named Entity Recognition (NER) and Named Entity Extraction (NEE) processes and pipelines, using Python, to identify and structure entities from free-text data.
- Participation in project bids and proposals for FP7 & H2020 R&D projects, collaborating with cross-disciplinary teams across Europe. This has given me invaluable exposure to several aspects of large-scale project management.

Tech: ASP.NET Core, Entity Framework, Dapper, SQL Server, Python, MongoDB, TDD, git

Sheffield Hallam University, Sheffield, UK **October 2010 – October 2013**
- *Technical Researcher*

Technical researcher & software engineer at CSRG (Conceptual Structures Research Group), working on a EU FP7 projects spanning 7 partners across the EU called CUBIST (Combining and Uniting Business Intelligence with Semantic Technologies, www.cubist-project.eu), which envisions to leverage Business Intelligence to a new level of precise and user-friendly analytics of data.

Primary Responsibilities:

Delivered scaling techniques, desktop applications and web services—using the .NET stack—to support Formal Concept Analysis (FCA) in a semantic technology setting, working with RDF and triplestores.

Tech: ASP.NET MVC, WPF, WCF, WinForms, MVVM, SPARQL, GraphDB, TDD, git

EDUCATION **Sheffield Hallam University**, Sheffield, UK **October 2010 – present**
- *Ph.D., Software Engineering (part-time)*

- Thesis Topic: “Appropriating Data from Structured Sources for Formal Concept Analysis”
- Expected Graduation Year: 2017

- *B.Sc. (Hons), Computing* **October 2006 – May 2010**

- Classification/Grade: First Class Honors/**77.7%**
- Final Year Project Grade: **92%** (top mark for 2010)

CERTIFICATIONS	Scrum.org	
	<i>Professional Scrum Master I</i>	May 2017
	Cisco	
	<i>IT Essentials II: Network Operating Systems</i>	June 2008
	<i>IT Essentials I: PC Hardware and Software</i>	June 2007

EXPERTISE	Skill	Expertise	Known Since
	C#/VB.NET	Advanced	2006
	ASP.NET/MVC	Advanced	2009
	Entity Framework	Advanced	2012
	HTML(5)/CSS(3)	Advanced	2000
	mSL	Advanced	1999
	JavaScript/jQuery	Intermediate	2009
	C/C++	Intermediate	2010
	Java	Intermediate	2009
	SQL/SPARQL	Intermediate	2007

SIDE PROJECTS - **HighMDb** (www.highmdb.tv)

HighMDb is an online web community which puts a different spin on movie review websites like IMDb. It is being developed as an MVP, with the USA as it's target demographic. It's functionality includes the ability to discover/rate/review movies and shows, user profiles, custom lists and aggregation of various metadata for each title (e.g. IMDb, Rotten Tomatoes and Metacritic ratings). The project is in active development and has trended numerous times in some of Reddit's most prominent subreddits.

HighMDb runs on two load-balanced cloud web servers utilizing the Windows Azure Pack and is built on the .NET stack using ASP.NET MVC 5 and SQL Server at the backend and HTML5, CSS3, Bootstrap and jQuery at the frontend.

Tech: ASP.NET MVC 5, Entity Framework, Dapper, Automapper, Autofac, Redis, TDD, git

Responsibilities: Founder and sole full-stack developer.

- **Zyprus** (www.zyprus.com)

Zyprus is a comprehensive property platform for the Cypriot market that provides all the resources needed—including a variety of intuitive, easy-to-use tools—to enable users to make smart real estate decisions.

Responsibilities: CTO, co-founder.

Publications * *An extensive publications list is available at www.constantinosorphanides.com/publications*

LANGUAGES	Greek (Bilingual proficiency)
	French (Bilingual proficiency)
	English (Professional proficiency)

PERSONAL PROFILE	Date of Birth: 27/10/1986
	Nationality: Cypriot (EU Citizen)
	Driving License: Yes

I am sociable, energetic and friendly. My interpersonal skills make me a good communicator, able to work well with others. I motivate and encourage people around me. I am self-aware, a critical thinker and always seek to learn and grow. I am not intimidated of undertaking new responsibilities, no matter the degree of difficulty.

My personal interests include, but are not limited to, playing chess, song writing, composing music, scuba diving, and contributing to the StackOverflow community whenever I have free time.

REFERENCES *Available on request.*