

NIKOLAOS ANYFANTIS

CURRICULUM VITAE

LAST UPDATE: DECEMBER 2020

PERSONAL DATA

PLACE AND DATE OF BIRTH: Heraklion, Greece | 08 Sept 1989
ADDRESS: 6 Laodamantos St., Heraklion - Crete, Greece
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NATIONALITY: Greek
MILITARY SERVICES: Fulfilled

WORK EXPERIENCE

JAN 2021 – PRESENT <i>London, UK</i>	Software Engineer TURINTECH TODO
APR 2016 – JAN 2021 <i>Heraklion, Greece</i>	Research & Development Engineer HUMAN COMPUTER INTERACTION LABORATORY (HCI) - ICS FOUNDATION FOR RESEARCH AND TECHNOLOGY (FORTH) RnD Engineer on both research and production project areas. Strong experience on intelligent environments with the use of artificial intelligent, sensor networks and pervasive and mobile computing. Moreover, experienced in design and development of significant production projects of remarkable companies.
AUG 2014 – FEB 2016 <i>Heraklion, Greece</i>	Software Developer, Research Assistant INFORMATION SYSTEMS LABORATORY (ISL) - ICS FOUNDATION FOR RESEARCH AND TECHNOLOGY (FORTH) As a Research Assistant of Information Systems Laboratory team under supervision of professor Yannis Tzitzikas. Working on services of modern Intelligent Systems and Virtualization technologies on Semantic Web area.
OCT 2013 – JUL 2014 <i>Heraklion, Greece</i>	Sales Executive of IT Department PUBLIC, RETAIL WORLD A.E.
JUN 2011 – NOV 2011 <i>Athens, Greece</i>	Software Developer CGSOFT COMPANY Working as an undergraduate student on websites development based on Content Management Systems (CMS), such as Wordpress, Joomla and Magento.

EDUCATION

FEB 2014 – FEB 2016 <i>Heraklion, Greece</i>	University of Crete M.SC. in COMPUTER SCIENCE Specialization: INFORMATION SYSTEMS, SEMANTIC WEB, E-COMMERCE Thesis: "Mappings Management for Ontology-based Integration" Advisor: Prof. Yannis TZITZIKAS GPA: 9/10
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Courses: *Semantic Web Data Management, Process Management Systems, Advanced Topics in Human-Computer Interaction, Interactive Computer Graphics, Special Topics on E-commerce, Knowledge Representation and Reasoning*

SEP 2007 – SEP 2011
Piraeus, Greece

University Of Piraeus

B.Sc. in INFORMATICS

Specialization: INFORMATION SYSTEMS

Thesis: “IT Systems Security and Penetration Testing”

Advisor: Prof. Euaggelos FOUNTAS

GPA: 7.8/10

Important Courses: *Data Structures, Algorithms, Internet and Web Programming, Software Engineering, Data Warehousing and Data Mining, Information Retrieval and Searching on the World Wide Web, Internet-Based Information Systems*

TEACHING EXPERIENCE

WINTER SEMESTER 2015-16 & 2013-14	CS100 - Introduction to Computer Science (C) TEACHING ASSISTANT at CS Dept. - University of Crete
SUMMER SEMESTER 2014-15	CS359 - Web Programming (Java, Servlets, JSP) TEACHING ASSISTANT at CS Dept. - University of Crete
WINTER SEMESTER 2014-15	CS252 - Object-Oriented Programming (Java) TEACHING ASSISTANT at CS Dept. - University of Crete
SUMMER SEMESTER 2013-14	CS150 - Programming (C++) TEACHING ASSISTANT at CS Dept. - University of Crete

TECHNICAL SKILLS

Front-End Programming	Angular, JavaScript, Typescript, JQuery, Ajax, Web Sockets, HTML5, CSS3 (SASS, LESS), Bootstrap, D3js, Material Design
Back-End Programming	Node.js, Java, C#, C/C++, ASP, Prolog, REST/SOAP API Services, Maven projects, Shell scripting, Docker
Revision Control Systems	GIT (Bitbucket, GitHub, TortoiseGIT), SVN (TortoiseSVN)
DBM Systems	NoSQL (MongoDB), MySQL, SQL Server, Oracle, Graph Databases (Neo4j, RDF/S), SQL, SparQL
Data Formats	JSON, XML, CSV, Xpath, Xquery, XSLT, XSD, Swagger (yaml)
Operating Systems	Mac OS, MS Windows, Ubuntu/Linux, Backtrack
Software Platforms	Netbeans, Visual Studio, Eclipse, Microsoft Office Suite, Google App Engine, Apache 2, Tomcat, IBM Websphere, Adonis BPM tool, \LaTeX
Modelling	UML, Venn
Semantic web & Ontologies	Protégé, SPARQL, OWL, RDF/s

- Other skills**
- Strong knowledge of client/server infrastructure
 - Experienced in modern Node.js packages (Gulp, Express, Passport, etc.)
 - Intimacy of Internet of Thing (IOT) technologies
 - Strong knowledge of Docker containers orchestration
 - Good experience in project management and organizational skills

PUBLICATIONS

- **Paper.** Nikolaos Anyfantis, Evangelos Kalligiannakis, Achilleas Tsiolkas, Asterios Leonidis, Maria Korozi, Prodromos Lilitsis, Margherita Antona and Constantine Stephanidis "AmITV: Enhancing the Role of TV in Ambient Intelligence Environments". Proceedings of the 11th Pervasive Technologies Related to Assistive Environments Conference. ACM, 2018. Corfu, Greece.
- **Poster.** Asterios Leonidis, Dimitrios Arampatzis, Nikolaos Louloudakis, Nikolaos Anyfantis, Achilleas Tsiolkas and Constantine Stephanidis. "AmI Solertis: a Web-IDE for Defining the Behaviour of Smart Environments". 11th Scientific Conference of FORTH. October 13-14, 2017, Heraklion, Crete, Greece.
- **Contribution in the context of MSc Thesis.** Yannis Marketakis, Nikos Minadakis, Haridimos Kondylakis, Konstantina Konsolaki, Georgios Samaritakis, Maria Theodoridou, Giorgos Flouris, Martin Doerr. "X3ML Mapping Framework for Information Integration in Cultural Heritage and beyond". International Journal on Digital Libraries (2016).

CERTIFICATES AND VOLUNTEERISM

- *Technical host at HCI International 2020 Conference.* July 19-24, 2020, FORTH-ICS, Heraklion, Crete, Greece.
- *9th Symposium and Summer School on Service Oriented Computing - SummerSOC'15.* June 2015, Crete, Greece.
- *3rd MUMIA Training School on Information Retrieval.* July 21-25, 2014, FORTH-ICS, Heraklion, Crete, Greece.
- Google Developer Groups - DevFest Crete 2015. Local ambassador. November 26-28, Heraklion, Crete, Greece.

NOTABLE PROJECTS

EUROPEAN PROJECTS

- **InCulture** Collection, narrative correlation and presentation of the intangible cultural heritage. <http://www.inculture-project.gr/>
- **CuRe** Cultures and Remembrances; Virtual time travels to the encounters of people from the 13th to 20th centuries. <http://www.cure-project.gr/>
- **TransSOL** Transnational solidarity at time of crisis. The EC project TransSOL (WP 2). <http://transsol.eu/project/>
- **LIVEWHAT** Living With Hard Times. The EC project LIVEWHAT (WP 6). <http://www.livewhat.unige.ch/>
- **BlueBRIDGE** is an EC funded project under the H2020 framework that kicked-off on 1st Sep 2015 aiming to further develop and exploit the iMarine e-Infrastructure data services for an ecosystem approach to fisheries. <http://www.bluebridge-vres.eu/>

PRODUCTION PROJECTS

- **Piraeus Bank.** Design and development of multimedia content presentation software and interactive in-store navigation (e-branch).
- **Bus Services.** Participation in the redesign of the information signs of arrivals and departures of the KTEL Heraklion - Lassithi, in the context of the development of interactive Diffuse Intelligence systems for the new intercity bus station.

RESEARCH PROJECTS

- **Intelligent House.** Design and orchestrate sophisticated mechanisms in order to enhance the everyday user activities with the use of pervasive and mobile computing, sensor networks, artificial intelligence, multimedia computing, middleware and agent-based software.
- **MatWare** is a tool for constructing domain-specific warehouses by aggregating semantic data. The main objective is to tackle the need for having integrated sets of facts regarding a particular domain. <http://www.ics.forth.gr/isl/MatWare/>

ACADEMIC PROJECTS

- Maven web application project that was implemented in the context of MSc thesis at the University of Crete. Keywords: Java, Javascript, JQuery, REST-services, JSON, Bootstrap, D3js, Treejs, Sigma.js. GitHub repository: <https://github.com/nikosanif/Maze>
- Google App Engine applications. The purpose of this assignment was to be familiarized with the Google App Engine and some of its services. JSON (GSON), Java, JAX-RS, Google App Engine, REST-Services, SOAP Services

LANGUAGES

GREEK: Mother tongue
ENGLISH: Professional working proficiency - Fluent
SPANISH: Elementary proficiency

ADDITIONAL INFORMATION

DRIVING LICENCE: A, B
MILITARY SERVICE: 9 months military service (obligatory in Greece)
24 November 2011 - 24 August 2012
INTERESTS AND ACTIVITIES: Technology, Open-Source, Programming
Cinema, Music, Travelling
REFERENCE LETTERS: Available on request