

Xenakis Nikolaos | Software Developer

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Passion and devotion are describing the way I work. I constantly research about new products and methods to be efficient and reliable to my projects. Experienced in designing, developing, implementing and testing software. Expert in dealing with multidimensional problems using efficient methods in order to optimize the result.

Work Experience

- IBM** **Athens, Greece**
◦ *Software Developer (contractor)* *Aug 2017 – Present*
 - Working for IBM in order to develop web services for National Bank of Greece
 - Requirements analysis, design and implementation of user interface CRM bank systems
 - Technologies: HTML, CSS, Typescript, Angular
- Greek army** **Chania, Greece**
◦ *Military Service* *Sep 2016 – June 2017*
 - Completed my military service working in the operation center of Greek army
 - Providing technical support in the military information systems
 - Specialized in creating financial reports for military training and transportation costs
- Computer Science Department, University of Crete** **Heraklion, Greece**
◦ *Undergraduate Teaching Assistant* *Sep 2015 – Jan 2016*
 - Undergraduate Teaching Assistant at "Introduction to Computer Science" during my bachelor degree
 - Applied thanks to the program "TheProfit" which allows to the best undergraduate students of the department to help University's academic work
- Foundation for Research and Technology – Hellas (FORTH)** **Heraklion, Greece**
◦ *Undergraduate Trainee* *Jun 2015 – Aug 2015*
 - Conducted Research in Big Data System Utilities. In particular, developing in Hadoop Ecosystem, HBase, Apache Phoenix, Spark

Education

- Bachelor in Computer Science** **Computer Science Department, University of Crete**
◦ *Grade: 8.4/10* *Sep 2012 – Jul 2016*
 - Thesis: ICE Editor is a visual programming language for end-user programmers for IOT devices. ICE Editor is a web client application written in JavaScript
 - Awards: 3 years in a row awarded with the memorial scholarship "Stelios Orfanoudakis". This scholarship is given to the top 3 students of the Computer Science department each year
- IT Essentials: PC Hardware and Software** **Cisco Network Academy, Chania (Greece)**
◦ *Summer 2011*
- High School** **Third General School Of Chania, Chania (Greece)**
◦ *Grade: 18.4/20* *2009 - 2012*

Projects

- **ImagInLexis** **Java desktop application**
Part of a bachelor thesis in Logotherapy *June 2016 – Aug 2016*
 - Application's main functionality is to enrich a speech therapy intervention plan through a number of tests that the child (patient) has to complete
 - Application is written in Java using JavaFX graphics and uses MVC software architectural pattern
- **ICE Editor** **Website application**
Bachelor thesis *Feb 2016 – May 2016*
 - A website application which allows an end-user to develop simple applets in IOT devices
 - It is an editor which prevents the user to have either compile or runtime (as possible) errors
 - The user can drop & drop elements or edit values
 - It provides an abstract API to create your own program either with Javascript code or JSON files
 - The application is written in Javascript using Canvas.js framework
- **MAC** **Website**
Human-Computer Interaction project *Feb 2016 – May 2016*
 - MAC is a prototype website for an imaginary museum: "Museum of Ancient Cultures"
 - It provides experience of virtual tour, visiting the exhibits, online shopping and map details
- **1942** **Game**
User Interfaces and Games Development project *Nov 2015 – Jan 2016*
 - 1942 is a popular classic retro video game built in 1984
 - The project is a redevelopment of this game using the original sprite sheets
 - It is written in C++ using SDL cross-platform software development library
 - It is composed of 6873 lines of C++ code and 5054 JSON lines describing the stage

Technical and Personal skills

- **Programming Languages:**
 - Proficient in: C, C++, Java, Web Technologies (HTML, CSS, Javascript)
 - Experienced in: Python, MySQL
- **Communication Skills:**
 - Team Work: Worked in various groups from classmates to research teams
 - Manners: Excellent inter-team communication
 - Organization: Setting priorities and keep notes for everything important

Interests and extra-curricular activity

- During my leisure time I enjoy working out in the Gym or go out for running. I love playing chess and reading books of self-improvement.