Xenakis Nikolaos | Software Engineer

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 nikosxenakis

Passion and devotion describe the way I work

Work Experience

Seebyte   **Edinburgh, UK**
Development Engineer   *Sep 2019 - present (Full-time)*
- **Responsibilities** Developing (full-stack) applications for SeeByte
- **Tools** Java, C#, .NET, NSIS, C++, NSIS, WIX Toolset, Netbeans platform, WPF

Journal Hosting Service, University of Edinburgh   **Edinburgh, UK**
Software Development Intern   *Apr 2019 - Jun 2019 (Part-time)*
- **Responsibilities** Developing a low-cost publishing workflow for scholarly journals
- **Tools** XML, Java, PHP

Wings ICT Solutions   **Athens, Greece**
External Software Developer   *Aug 2017 - Aug 2018 (Full-time)*
- **Responsibilities**
  - Developing web services for National Bank of Greece
  - Requirements analysis, design and implementation of CRM bank systems
- **Tools** HTML, CSS, Typescript, Angular

Computer Science Department, University of Crete   **Heraklion, Greece**
Undergraduate TA at "Introduction to Computer Science"   *Sep 2015 - Jun 2016 (Volunteer)*
- **Responsibilities**
  - Running teaching lab sessions
  - Supervising undergraduate students
- **Tools** C, GCC, Makefile

Foundation for Research and Technology - Hellas (FORTH)   **Heraklion, Greece**
Undergraduate Trainee   *Jun 2015 - Aug 2015 (Internship)*
- **Responsibilities** Conducting Research in Big Data Systems using acceleration mechanisms
- **Tools** HDFS, MapReduce, HBase, Apache Phoenix, Spark, CUDA

Education

University of Edinburgh   **Edinburgh, UK**
MSc in High Performance Computing with Data Science   *Sep 2018 - Aug 2019*
- **Grade** 85%
- **Key skills** OpenMP, MPI, CUDA, MATLAB, Hadoop, Map-Reduce, Data Management Planning
- **Thesis** Parallelisation of frame processing for Optical Coherence Tomography Angiography

University of Crete   **Heraklion, Greece**
Bachelor in Computer Science   *Sep 2012 - Jul 2016*
- **Grade** 8.4/10
- **Key skills** C, C++, Java, HTML, Javascript, SQL, Python
- **Thesis** Developed ICE Editor, a visual programming language for end-user programmers for IOT devices

Cisco Network Academy   **Chania, Greece**
IT Essentials: PC Hardware and Software   *Jun 2011 - Aug 2011*
- **Key skills** Fundamental computer skills, including practical experience using simulation tools

Projects

Georgioupolis Transfers   **Website**
Website for booking transfer and tours in Crete, Greece   *Aug 2017 - Nov 2017*
- **Tools** HTML, Angular 4, Typescript, LESS, Node-JS

ImagInLexis   **Java desktop application**
Desktop application to enrich a speech therapy intervention plan   *June 2016 - Aug 2016*
- **Tools** Java, JavaFX, Maven, JSON, Sqlite

1942 Arcade Game   **2D Game**
User Interfaces and Games Development course project   *Nov 2015 - Jan 2016*
- **Description** A redevelopment of 1942 is a popular classic retro video game built in 1984
- **Tools** C++, SDL

Awards

Highly Skilled Workforce Scholarship   **MSc Scholarship**
Awarded based on academic merit   *Sep 2018*
- Requires the international equivalent of a UK first class or 2:1 Honours degree at undergraduate level

Stelios Orfanoudakis Memorial Scholarship   **Bachelor Degree Scholarship**
Awarded based on academic merit   *Sep 2013, Sep 2014, Sep 2015*
- Awarded to three (3) students of the Computer Science Department with the highest overall grade
- Earned in 3 academic years in a row

Skills

Programming Languages
- **Proficient** C, C++, Java, Web Technologies (HTML, CSS, Javascript), Typescript
- **Experinced** Python, MySQL, PHP, C#, .NET

Communication Skills
- **Languages** English (Advanced level), Greek (native language)
- **Team Work** Worked in various groups from classmates and colleagues to research teams
- **Organization** Setting priorities and keep notes for everything important

Interests

- **Chess** Participated in three chess tournaments (Greece and United Kingdom)
- **Dancing** Cretan traditional and Latin
- **Working out** Gym, Running, Cycling, Boxing