Name: Iosif

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Birth: June 16, 1993

Location: Athens, Greece

Position: IT professional

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Contact

Short summary

Iosif Angelidis is a new IT professional with three (3) years of experience in software development stemming. His IT skills spam from IT programming with actual experience in C, C++, Java and Python among other languages. This knowledge is gained both from self-motive to invest in new skill-sets and as part of his two years engagement in a Named Entity Recognizer thesis, which recognizes and extracts persons, organizations, geo-political entities, legal references, public documents and unofficial geographical landmarks found in the Government Gazette by utilizing Neural Networks and Deep Learning technologies.

During his military tour, Iosif has been occupied in the IT Division offering his experience in supporting 3 projects: MIP 3, ΣΧΚ and ΣΔΕΠ. This support came in the form of major refactoring, implementation of new features, optimization and critical performance gains, as well as general user support. His responsibilities further included the training of new staff and knowledge transferring.

Iosif Angelidis has also shown particular interest in Artificial Intelligence courses both as a tutor (assistant professor) and as a practitioner. Last, but not least, Iosif has become a member of various communities among which the most notable ones pertain to the Management of Data and Information Knowledge Group (MADgIK) and the AI group of the University of Athens.

Skillsets

- **Soft**: presentation, communication, team player, self-driven

- **Applications & Programming Languages**: C, C++, Java, Python, OpenGL, REST, SOAP, Android Studio development, TLS/SSL protocols, Bootstrap, Sweet Alert, Bootstrap Validator, bower, npm, HTML 5, CSS3, XML, RDF, OWL, Ajax, jQuery, PHP, Javascript, Leaflet JS, Gradle, Maven, NodeJS, React, Redux, Spring, Keras, TF, SciKit Learn, Numpy, Pandas, EJBs, JSF, PrimeFaces, ORM (Hibernate)

- **Infrastructure**

    - **Operating Systems**: GNU/LINUX (including advanced distros like Arch and Manjaro), Microsoft Windows, MacOS

    - **Shell Scripting**: bash, fish, zsh, tcsh, csh

    - **Server Management & Databases**: Apache Tomcat, Wildfly/Jboss, Glassfish, Apache HTTP Server/XAMPP, PHPMyAdmin, MySQL Workbench, pgAdmin, SQL, Oracle, PostgreSQL/PostGIS, Oracle 11g/12c, MongoDB, Redis, (Geo/st)SPARQL, SQL Server Management Studio, Toad

    - **Integrated Desktop Environments**: Intellij, PyCharm, WebStorm, PHPStorm, Vistual Studio Code, Netbeans

- **Geospatial Systems**: Sextant, Strabon, QGis

- **Version Control Systems**: Mercurial, Git, CVS, GitHub, GitLab, Bitbucket

- **Other**: AOP, Design patterns, LaTeX, Microsoft Office, Matlab, Gimp

Working Experience

- **2019 - 2020 Military Service IT Division Software Developer**

    During his military tour, he was tasked with offering his experience in supporting 3 projects: the implementation of the Multi-Interoperability Protocol 3.0 (MIP 3), the Crisis Management System (ΣΧΚ) and the Information Management-Control System (ΣΔΕΠ). These projects required major code refactoring, optimizations, critical performance gains (e.g., database requests taking about 3 seconds compared to 15 minutes) and implementation of brand new features, involving classified data as well as geospatial information. Additionally, he was responsible for training new staff and providing user support for the platforms.

    Programming skillsets developed during this time involve Java, EJBs, JSF, PrimeFaces, Oracle 11g/12c, Hibernate, HTML 5, CSS 3, JavaScript, Leaflet JS, REST, SOAP, XML, SQL Server Management Studio, Toad, WildFly/JBoss, IntelliJ.

- **2017 - 2019 University of Athens IT Programmer**

    In the context of his MSc thesis, "Named Entity Recognition and Linking in Greek Legislation", under the supervision of professor Manolis Koubarakis and PhD Candidate Ilias Chalkidis, he developed and maintained a Named Entity Recognizer which recognizes and extracts persons, organizations, geo-political

entities, legal references, public documents and unofficial geographical landmarks found in the Government Gazette by utilizing Neural Networks and Deep Learning technologies.

Programming skillsets developed during this time involve Python, Keras, TF, SciKit Learn, Numpy, Pandas, (Geo/st)SPARQL, REST, HTML 5, CSS 3, RDF, OWL, Maven, PyCharm.

Languages

- **English**: Certificate of Proficiency in English, 2009 University of Michigan, First Certificate in English (Grade B), 2008 University of Cambridge

Education roadmap

- **2016 - 2018: MSc degree in Information and Data Management**, National and Kapodistrian University of Athens, Department of Informatics and Telecommunications. **Grade: 9.39/10.0**

- **2011 - 2016: Ptychion (4-year degree with thesis) in Computer Science - Theoretical Informatics**, National and Kapodistrian University of Athens, Department of Informatics and Telecommunications. **Grade: 9.34/10.0**

- **2007: Technical Diploma ECDL** in Databases, Concepts of IT, Word Processing, Presentations, Information & Communication, Spreadsheets, Using the Computer and Managing Files

Hobbies and interests

- Exploring the open source community, learning about new technologies and tweaking computer systems.

- Long time gamer, almost all genres. Debating about games and their various aspects (gameplay, story, mechanics, gimmicks etc.).

- Aspiring DJ with a twist: steaming mostly music featured in games. Online station (Auto DJ streams tunes when offline).