



Iraklis Diakos

Computer Scientist / Software Engineer (Backend)

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Github: github.com/Kounavi

About me

A dedicated and hardworking person with a collaborative mindset and a poised attitude. I am fluent in English and I have an elementary understanding of French.

Skills

Programming: C (+POSIX threads), Java (+concurrency - JSR 166), Python, JavaScript

Query: SQL (Oracle PL/SQL, MySQL, PostgreSQL), XML, XPath, XQuery

Shell: Bash, Windows CMD / Powershell, Tcl/Tk (Expect only)

Markup / Templating: HTML, CSS, Jinja(2), LATEX (basic)

Web - based technologies: JSP, JSF (Mojarra), Java Servlets

GUI: SWT, Tcl/Tk (using Python)

Productivity Tools: MS Office Suite (Visio, Powerpoint, Word and Excel)

OS: Windows (Desktop & Server editions)
Linux (mainly Debian variants such as RHEL / CentOS / Fedora)

IDE: Sublime Text 3 (preferred), Eclipse, IntelliJ IDEA (or its variants) & MS Visual Studio (least used)

Version Control: Git (registered with a GitHub paid account)

Cryptographic framework: BouncyCastle (Java)

Work Experience

Hellenic Army IT staff
2016 - 05/04/2017

Actively supported the Hellenic Army personnel situated at the Ministry of Defense in various activities ranging from phone support, remote assistance and IT management to application programming (Python; VNC app) by applying general problem solving skills in both technical and programming issues.

University of Crete
2013 - 2015

TA at Advanced Database Management Systems (2 semesters)
Introduction to Programming (C language)
Calculus II

ICS - FORTH Researcher
2013 - Present

Enrolled and collaborated in **FP7 & Horizon 2020** projects mainly focused in **Cloud - based** and **virtualization related technologies**. These include the **OpenStack framework, cloud management, deployment & automation mechanisms, SLA monitoring and metrics** and **network virtualization technologies** (i.e. VxLAN).

Education

University of Crete
2013 - 2016

M.Sc. in Computer Science

University of Crete
2005 - 2012

B.Sc. in Computer Science

Awards

2013 – 2015
2010 – 2012

Graduate research grant.
Undergraduate researcher (Evaluation of Top – K Queries in P2P networks / B.Sc. thesis)

Projects

CRAPI
(Common Range API)

github.com/Kounavi/crapi

A portable and unifying API in Python with a purpose of lessening the burden between Windows & Unix system subcomponents (i.e. Windows services vs Unix daemons).

Self – motivation

Currently learning Django CMS, AngularJS, Rust, Ruby and Go.

References

Prof. **Dimitris Plexousakis**
Prof. **Kostas Stefanidis**

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