Selinou 122, 73100 Chania (Greece)

KAVROULAKIS ALEXANDROS

+306947875996 akavroulakis@gmail.com

SUMMARY

A software engineer graduated from University of Crete .At the same time of my 4 years long Bachelor's studies in Computer Science, i gained overall one year of experience in developing software modules for the Forth-ICS. My C.S related interests include: Networks, Multi-threaded Dev , Web, Games, Mathematics and Systems.

EMPLOYMENT

Software Engineer, Fellowship

Forth ICS

Summer 2016

• Modified existing code from several micro benchmarks in order to run with an RPC system.

Research Assistant ,Trainee

Forth ICS

Summer 2015

• Implemented a client-server communication protocol between Virtual Machines using shared memory.

EDUCATION

Heraklion , Greece University of Crete

Sept 2012- July 2016

Bachelor Degree in Computer Science (Grade: 7.21/10)

TECHNICAL EXPERIENCE

Projects

_.

• Thesis Jan 2016 – June 2016

- Implemented a tracing system in C language for a remote procedure calling mechanism that we used for performance evaluation, statistics and debugging.
- My thesis was a part of a European project that we were working at FORTH ICS.
- The following link contains an extensive presentation of my thesis. (link)

Spearfishing in Virtual Reality (Android Game)

Apr 2016 -June 2016

- The game developed using C# and Unity.
- Download it from PlayStore for free (link).
- 1942 (Windows Game).

Dec 2015 - Feb 2016

- The project is a redevelopment of the original arcade 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. There is a video of the game here.

Online Courses

- Android Development
 - Successfully completed <u>android development</u> course from University of Maryland (avg grade: 98.2%).
 - Learned Android Studio, Java API for Android and design UI using XML.
- Java Web Services
 - Successfully completed <u>Java Web Services</u> course from udemy website.
 - Developed several web services consumers and clients using both SOAP and REST Architecture.

Small Open Source Contribution

• Fixed several memory leaks for an open-source benchmark suite intended for accelerator-centric research from Harvard University.(github repository)

ADDITIONAL EXPERIENCE AND AWARDS

Research Fellowship

Summer 2016

• Honor issuer Foundation of Research and Technology-Hellas (Forth).

LANGUAGES AND TECHNOLOGIES

- Java SE/EE, SOAP and REST Web Services, C, C++, C#, Python.
- Bootstrap, JavaScript, HTML, CSS, XML, JSON.
- · LAMP(Linux, Apache, MYSQL, PHP).
- Windows 7 & 10, Linux (bash scripting), Visual Studio 2015, Eclipse, Vim.
- · Git (merging, branching).

MILITARY OBLIGATIOS

Fulfilled Sept 2016-June 2017