Selinou 122, 73100
Chania (Greece)

KAVROULAKIS
ALEXANDROS

(+30) 6947875996
akavroulakis@gmail.com
http://alexiskavroulakis.com

SUMMARY

A computer scientist 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. I always enjoyed working on difficult problems and learning new things inside of a team environment.

EMPLOYMENT

Software Engineer, Fellowship   **Forth ICS**   **Summer 2016**
- Developed, as part of a team, a shared memory communication system for virtual machines which aiming to run workloads on virtual accelerators.

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 Google Play 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 on YouTube.(link)

Online Courses
- **Android Development**
  - Successfully completed android development course from University of Maryland (avg grade: 98.2%)**.**
  - Learned Android Studio, Java API for Android and design UI using XML.(link)
- **Java Web Services**
  - Successfully completed Java Web Services course from Udemy website.(link)
  - Developed several WS consumers and producers in Java 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.(link)

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 OBLIGATIONS

Fulfilled   **Sept 2016-June 2017**