

Alexandros Dermenakis

Phone: +32 491 43 88 90

email: alexandros.dermenakis@gmail.com

website: <http://www.alexandrosdermenakis.com>

SKILLS

Key Skills: Embedded Systems, Qt, OpenGL, Advanced Linux Development, VoIP, Linux services, Software Engineering, Project Management

Programming languages: C, C++, Java, Objective-C, C#

Operating systems: Linux, Windows, Mac OS X

LANGUAGES

- **English** (fluent)
- **French** (fluent)
- **Greek** (fluent)
- **Swedish** (beginner)

EXPERIENCE

Software Engineer October 2013 - Present

TEIN Technology, Scharbeek, Belgium

- Customization of Embedded Linux distributions
- VoIP and Linux programming in C++
- Developing with Qt 5 and QML an Embedded HMI interface
- Requirements gathering and project planning

Software Engineer September 2012 - August 2013

ArKaos SA, Rhode-Saint-Genese, Belgium

- Project planning and requirements gathering
- Meeting with distributors worldwide for improvement of products
- Programming in C++ for Mac OS X and Windows

Software Engineer June 2012 - September 2012

Nokia Norge AS, Oslo, Norway

- Worked on Qt Core with C/C++
- Designed and implemented a Qt patch for Color Profiles

Embedded Systems Software Engineer February 2011 - September 2012

Terragon Environmental Technologies Inc., Montreal, QC, Canada

- Real-time OS development based on Linux (C & C++)
- Development using Qt and QML

Web Developer/Designer May 2010 - July 2010

ZabAdoo Ltd., Athens, Greece

- Communicated with clients
- Designed and maintained websites
- Worked on company's CMS

Software Engineer May 2009 - August 2009

Dassault Systmes, Montreal, QC, Canada

- Designed & Developed plug-ins for CATIA using C++
- Worked with Human modeling and Simulation algorithms

Software Developer September 2008 - December 2008
Matrox Electronic Systems, Dorval, QC, Canada

- Developed and debugged drivers on Mac OS X
- Designed & Developed a video playback library
- Created video effects using OpenGL and QuickTime

EDUCATION *Master of Science, Embedded Systems* 2011 - 2013
Uppsala University, Uppsala, Sweden

- Writing thesis in Color Profiles, Missing thesis presentation

Bachelor of Engineering, Software Engineering 2006 - 2011
Concordia University, Montreal, QC, Canada

- Member of the Institute for Co-operative Education

DISTINCTIONS

- Co-operative Education internships passed with distinction
- Dean's list for last academic year of bachelor's (annual GPA 4.16/4.30)

ACADEMIC *Lab Assistant in Computer Architecture* April 2012 - May 2012
Uppsala University, Uppsala, Sweden

- Explained MIPS assembly to students
- Helped solving assignments

Teacher's Assistant in Discrete Mathematics September 2008 - December 2008
Concordia University, Montreal, QC, Canada

- Wrote questions for tutorial sessions and corrected in class exercises
- Solved problems on the board for students
- Provided the students with my personal notes

RESEARCH *Computer Architecture and Power Efficiency* January 2012 - September 2012
Uppsala University, Uppsala, Sweden

- Measuring power consumption on CPUs
- Creation of model according to application characteristics
- Construction of hardware for measuring power consumption

REFERENCES AVAILABLE UPON REQUEST