

CONSTANTINOS C. NEOPHYTOU

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EDUCATION

Bristol University Sep 2008 • MSc Advanced Computing, Internet Technologies with Security, Expected

• Selected Coursework:

Ongoing Algorithmic and Economic Aspects of the Internet · Machine Learning · Mobile and Ubiquitous Computing · Cryptography · Law and IT · Information Security · Web Technologies · Server Software · Databases · Advanced Cryptography

Dartmouth College June 2006 • BA in Computer Science

Cumulative GPA: 3.32/4.00 · Computer Science Major: 3.42/4.00 • Selected Coursework:

Computer Science Data Structures · Software Development · Algorithms · Programming Languages · Computer Architecture · Computer Networks · Theory of Computation · Computer Security and Privacy

Mathematics Introduction to Calculus · Multivariable Calculus · Discrete Math · Discrete Probability

Engineering Introduction to Engineering · Digital Electronics

WORK EXPERIENCE

DostPost.com (Hanover, NH/Mangalore, India, August 2005 – September 2007)

CIO / Tech Lead Manager

- Managed team of 5 full-time developers and contractors to create, from the ground up, a modern social networking site with news, document, and photo sharing, the ability to declare and track dreams, as well as capabilities common to other social networking sites.
- Designed a scalable object oriented architecture for the system in PHP/MySQL from the ground up, using the Smarty templating engine.
- Wrote extensive pieces of the code-base and code-reviewed most of the code contributed by my team.
- Produced innovative solutions for problems particular to our Indian subcontinent audience, such as the majority of potential users having intermittent access to computers and accessing the internet via dial-up modems.

BuzzFlood.org (Hanover, NH, October 2003 – June 2006)

Director of Technology / Webmaster

- Webmaster for the award-winning BuzzFlood.org site. Focusing mainly on usability, our team managed to win Dartmouth College's John G. Kemeny Computing prize in the Team Software Design category.

com2go (Nicosia, Cyprus, January 2005 – May 2005)

Senior Developer

- Worked on the production of custom web-sites featuring content management systems for various clients, such as the former Cyprus minister of Foreign Affairs, and other corporations and government agencies.

English Placement Program (Hanover, NH, January 2004 – December 2004)

Developer

- Helped conceptualise and developed the prototype for a web-site that is used every Summer to test and then place Dartmouth incoming freshmen into appropriate writing courses.

Dragon Advanced Technology (Nicosia, Cyprus, April – June 2004)

Technician

- Surveyed sites, proposed security solutions to customers, aided in the design of security installation diagrams, and installed security systems in homes, factories, work areas, banks and embassies.

Graphical Slide Editor Team Project (Hanover, NH, Spring 2003)

Developer

- Designed and implemented a full-scale graphical slide editor based on a functional specification. Built in C++, the back-end handled data structures, memory management, and IO operations such as command parsing, and used the gtkmm library for the interface.

Cyprus Army Reserves (Nicosia, Cyprus, July 2000 – August 2002)

2nd Lieutenant

- Served as platoon leader, battalion Communication Officer, and regiment assistant Operation Officer

MISCELLANEOUS INFORMATION

- Travelled through Europe, India, Canada and United States. British secondary education in a private institution
- Citizenship status: British and Cypriot dual citizenship

ACTIVITIES, INTERESTS AND SKILLS

- Proficiency in C, PHP, JavaScript, BASIC
- Knowledge in Java, C++, Python, Perl, Assembly
- Familiarity with Regular Expressions, Database Design, SQL, L^AT_EX
- Familiarity with Windows 9x/ME/2000/XP, Mac OS X, Linux and UNIX (both graphical and terminal interface)
- Fluency in English and Modern Greek, basic knowledge of Italian

HONOURS AND AWARDS

- Awarded Traditional Fulbright Undergraduate scholarship from the Cyprus Fulbright Commission
- Awarded prestigious John G. Kemeny Computing prize for innovative computing projects by Dartmouth undergraduates in the Team Software Design category, for work on the BuzzFlood site
- Duke of Edinburgh Silver Award Recipient