

Andreas Papageorgiou

Greek-Cypriot (EU Passport holder)

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Education

2011-Present Imperial College London

4th year subjects: Intelligent Data and Probabilistic Inference, Knowledge Representation, Argumentation and Multi-agent Systems, Computational Neurodynamics, Cryptography Engineering, Concurrent Processes, Scalable Distributed Systems Design.

Expected result: First

3rd year subjects: Software Engineering Practice, Machine Learning, Network Security, Distributed Algorithms, Operations Research, Computer Vision, Graphics, Management and Business for Computing Engineers. Year 3 total: 71.4/100

2nd year subjects: Software Engineering (Design and Algorithms), Compilers, Concurrency, Statistics, Models of Computation, Operating Systems, Computational Techniques, Introduction to AI, Networks and Communication. Year 2 total: 71.1/100.

1st year subjects: Functional and Object Oriented Programming, Logic, Databases, Discrete Mathematics, Mathematical Methods, Hardware, Architecture, Reasoning about Programs. Year 1 Total: 77.8/100.

2008-2010 Apolytirion from Archbishop Makarios III Lyceum with overall grade 19.818 out of 20.

Core subjects: Physics, Mathematics, Computing, Music.

GCE A-level in Physics (A), Mathematics (A*) and Computing (A).

Group Projects

MeetMon 3rd year group project

Web application to display events advertised via *www.meetup.com* on a map.

Provided statistical information and event suggestions to the user.

Tools used: Java with Play framework, Neo4j, MySQL, HTML5, CSS & Javascript.

Grade achieved: A+.

MAlice High Level Language Compiler

Developed a high level language compiler in Haskell.

Extended the language to support C-like structs.

Applied various optimizations.

Grade achieved: A+.

PintOS Small-scale Operating System

Extended parts of a small operating system written in C.

Implemented processes scheduler, system commands, file system and virtual memory.

Grade achieved: A.

WebApp Interactive web application

Designed and deployed PenWars, a small web-app for writers to share their stories.

Provided user rating and competitive mode with randomly generated titles.

Tools used: Python with Tornado, PostgreSQL, HTML, CSS & Javascript.

Grade achieved: A.

Work Experience

2014	Bloomberg LP, London, UK Joined the Message team. Developed tool to collect logs produced by services distributed on various machines. Presented metrics for the requests processed by the services. Used for crash investigations and for monitoring the system's health.	R&D 6 months placement
2013	Bloomberg LP, London, UK Developed a testing framework in Python. Used to check environment availability of a machines, before running tests on them. Used to regulate testing procedures of the team.	R&D Summer Intern
2010	Laiki Bank, Nicosia, Cyprus Joined the Software Quality team. Wrote simple macros in Visual Basic to produce reports using Excel data.	Summer Intern
2010	Military Service, Nicosia, Cyprus Served at the 23rd tank division. Participated in training exercises and operations.	Soldier

Awards

2010	Best student award in subects: Mathematics, Computing, Physics.
2009	8 th Place National Physics Olympiad.
2008	2 nd Place Local Physics Olympiad.
2007	4 th Place Local Physics Olympiad.

Technical Skills

Programming	Haskell, Python, C, C++, Java, Javascript, Prolog, Visual Basic.
Platforms	Linux, Windows.
Other	Git, Microsoft Office, L ^A T _E X.

Interests and Activities

Quantum Computing	Attended talks and seminars on the subject.
Competitions	Joined CTF contests. Obtained 2 nd place as a team during university CTF.
Teaching	Programming tutor helping with 1st year programming course.
Music	Base guitar, trumpet (performed in various school bands).
Societies	Software, MobileTech, Jazz and Rock, Cypriot Society (Events officer).
Athletics	Football, Swimming, Snowboarding.
Other	Online strategy games, Go (2 nd place at national competition).
Languages	English (fluent), Greek (native language).

References

Available on request.