

Styliani Pantela

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EDUCATION

HARVARD UNIVERSITY

A.B. IN COMPUTER SCIENCE

May 2015 | Cambridge, MA

Societies: Hellenic Society
(Co-President), HackHarvard

LINKS

Github:// [stylianipantela](#)
LinkedIn:// [stylianipantela](#)

COURSEWORK

GRADUATE

Big Data Systems
Systems Development
Computer Vision

UNDERGRADUATE

Data Systems
Compilers
Operating Systems
Probabilities
Functional Programming (Teaching Asst)
Algorithms
Theory of Computation
Programming Languages
Systems Programming and Machine
Organization

SKILLS & INTERESTS

PROGRAMMING

C • C++ • Objective-C • OCaml
MATLAB • Python • PHP • \LaTeX
JavaScript • Snap! • Scratch
jQuery • Bootstrap • d3 • Angular.js
MySQL • MSSQL • Git

LANGUAGES

English (Fluent)
Greek (Native)
French (Working Proficiency)

GENERAL INTERESTS

Technology • Reading
Board games • Running • Climbing

EXPERIENCE

HP/HPE | SYSTEMS SOFTWARE ENGINEER | QUERY ENGINE

Aug 2015 – Present | Cambridge, MA

- Implemented key features for Vertica Optimizer and Catalog. Lead the company wide transition from SVN to Git. Implemented the internal dashboard for tracking test success rate.
- Founded and lead the company wide academic research paper reading group. Group met weekly for > 1year.
- Co-Chair for DataGals, the company wide networking group for Women in Technical Career Paths. Delivered Keynote for Lady Problems Hackathon 2016.

WAYFAIR | SOFTWARE ENGINEERING INTERN

Jun 2014 – Aug 2014 | Boston, MA

- Created four loaders for bulk insertion of data. Improved run time of process by a factor of 3 by optimizing SQL execution plans.
- Won the Most Ingenious award at the Wayfair 2014 Hackathon for developing a web platform that enables scheduling for large groups.
- Named Campus Ambassador for Harvard University.

HARVARD UNIVERSITY DEPARTMENT OF COMPUTER SCIENCE CAMBRIDGE | CS51 TEACHING FELLOW

Jan 2013 – May 2013 | Cambridge, MA

- Lead weekly 1.5-hour sections, covering functional and object oriented programming, recursion, complexity, module and object abstraction, unit testing and design patterns. Graded problem sets, mentored students on final projects and staffed office hours.

RESEARCH

HARVARD DATA SYSTEMS LABORATORY | UNDERGRADUATE RESEARCHER

Sept 2014 – May 2015 | Cambridge, MA

Worked with Prof Stratos Idreos on just-in-time code generation for query optimization in column store databases. Named finalist in SIGMOD 2015 Undergraduate Poster Competition for my research.

PUBLICATIONS

Thao Pham, HPE Vertica; Styliani Pantela*, HPE Vertica. 2016. Vertica Directed Queries. North East Database Day 2017.

Styliani Pantela and Stratos Idreos. 2015. One Loop Does Not Fit All. In Proceedings of the 2015 ACM SIGMOD International Conference on Management of Data (SIGMOD '15). ACM, New York, NY, USA, 2073-2074.

AWARDS

2015	Finalist	SIGMOD 2015 Undergraduate Research Poster Competition
2014	top 3	Database in Data Systems (CS165) intra-class tournament
2014	Semifinalist	Harvard i3 Competition Semifinalist
2013	Harvard	David Rockefeller International Travel Scholarship