

STYLIANI PANTELA

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stylianipantela.github.io

Education

Harvard University

Cambridge, MA

A.B., Computer Science, *cum laude*.

May 2015

Relevant Coursework: Data Systems, Compilers, Operating Systems, Computational Science, Probabilities

Honors & Awards: Top 3 fastest database implementations in Data Systems, Harvard i3 Competition Semifinalist, David Rockefeller International Travel Scholarship, SIGMOD 2015 Undergraduate Research Poster Competition Finalist.

Societies: Hellenic Society (Co-President), HackHarvard

Computer Skills

Programming: C++, C, Objective-C (iOS), Python, PHP, MSSQL, MySQL, JS, OCaml, MATLAB, Snap!

More Tools: jQuery, Bootstrap, d3, Angular.js, GIT, LaTeX, Xcode

Technical Experience

Vertica, EntIT Software LLC

Cambridge, MA

Software Engineer

Aug 2015 – Present

Software Engineer for the Vertica Query Engine team.

Co-Chair for DataGals, the company wide networking group for Women in Technical Career Paths.

SEAS, Harvard University

Cambridge, MA

Undergraduate Researcher

Sep 2014 – May 2015

Conducting research with Professor Stratos Idreos on the ideas of just-in-time code generation for query optimization in the DASlab.

Wayfair

Boston, MA

Software Engineering Intern

Jun 2014 – Aug 2014

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/ Indian Institute of Science

Bangalore, India

Engineering Researcher

Jun 2013 - Aug 2013

Performed research for the Medical Innovation for Low-Resource Global Markets group under Professor Conor Walsh from Harvard SEAS. Developed a prototype for a low cost, manually operated suction device. Selected for the David Rockefeller Grant.

Harvard University Department of Computer Science

Cambridge, MA

CS51 Teaching Fellow

Jan 2013 - May 2013

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 and final projects. Staffed office hours.

Massachusetts Institute of Technology

Cambridge, MA

Mathematics Researcher

Jun 2010 - Aug 2010

Authored mathematics paper titled “On certain Subsequences of Fibonacci Numbers”, 2010. Received most original paper award at the 2011 ACSTAC (Greek mathematics conference).

Publications

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.

Languages & Interests

Languages: English (fluent), Modern Greek (native), French (working proficiency)

Interests: Technology, Board games, Reading, Running, Climbing