

CV

Alessandro Cosentino

2014-11-07

Education

Ph.D. in Computer Science

University of Waterloo — January '10 – present

Expected graduation date: April '15

Fellow of the **Institute for Quantum Computing**

Recipient of a **David R. Cheriton Graduate Scholarship**, awarded annually to forty to seventy-five full-time University of Waterloo Computer Science graduate students on the basis of scholastic excellence and evidence of research potential.

M.Math in Computer Science

University of Pisa — February '09

Final score: 110/110 *cum laude*

B.Math in Computer Science

University of Pisa — July '06

Final score: 110/110 *cum laude*

Research Interests

Used *convex programming* to answer several fundamental open questions in *quantum information theory*.

Exchange programs

Research intern

LIAFA, Université Paris Diderot — February '13 – April '13

Erasmus scholar

Aarhus University — September '07 – March '08

Publications

Work in progress

Teaching Experience

Teaching assistant

University of Waterloo — 2010 – 2013

Courses: Theory of Quantum Information (graduate course), Data Structures and Data Management, Algorithms, Introduction to Computer Science.

Other Experience

Google Summer of Code student developer

Summer '12

Season of KDE student developer

Summer '11

Outreach Program for Women org coordinator and mentor

Summer '14

UNIX Consultant

Math Faculty Computing Facility, University of Waterloo — Winter '12 and Fall '12

Google Code-in org administrator

Winter '12

Professional Service

Technical Reviewer

- *APS Physical Review A*
- *IEEE Transactions on Information Theory*
- *XVII Conference on Quantum Information Processing (2014)*.

Technical Skills

- Research tools: LaTeX, MATLAB/Octave and framework CVX for convex programming;
- Web programming Languages: PHP, HTML5, Javascript, CSS;
- Other technologies: RSS and Atom standards, Git.