

## Chris Calabro

8730 Costa Verde Blvd., San Diego, CA 92122

858-228-7055

[ccalabro@cs.ucsd.edu](mailto:ccalabro@cs.ucsd.edu)

<http://www.cs.ucsd.edu/~ccalabro>

Recent Ph.D. graduate from UCSD Computer Science Dept. specializing in complexity theory. I have a lot of experience teaching and am looking for work either in software design/development or in the documentation of it. Either way, I want to be involved in making software easier to use and more useful.

### Work Experience

teaching assistant, UCSD Computer Science Dept.

9/2003 - 7/2009

for graduate and undergraduate courses, lectured; held discussion sections, office hours, lab hours; graded; posted solutions. courses:

Math for Alg and Systems    Computability and Complexity  
Theory of Computability    Intro to CS and OOP: Java  
Intro to Programming I: C    Intro to Modern Crypto  
Alg Design and Analysis

programmer, Prolangs Research Group

5/1997 - 8/1997 and 2/1998 - 5/1998

translated compiler frontend code from C to C++

calculus peer mentor, Rutgers University

9/1996 - 5/1997

helped students in weekly workshop and graded

clerk, Alexander Library, Rutgers University

9/1995 - 5/1996

sorted incoming newspapers, filed microform,  
assisted patrons with duplicating machines and computer terminals

### Publications

C. Calabro, R. Impagliazzo, and R. Paturi

*The Complexity of Satisfiability of Small Depth Circuits*

*IWPEC*, 2009, (to appear in *IWPEC 2009*, LNCS)

C. Calabro and R. Paturi

*k-SAT is No Harder than Decision-Unique-k-SAT*<sup>†</sup>

*CSR*, 59–70, LNCS 5675, 2009

C. Calabro

*A Lower Bound on the Size of Graphs Dense in Long Paths*

*ECCC*, Report TR08-110, 2008

C. Calabro, R. Impagliazzo, V. Kabanets, and R. Paturi

*The Complexity of Unique k-SAT: An Isolation Lemma for k-CNFs*

*JCSS*, 74(3):386–393, 2008

C. Calabro, R. Impagliazzo, and R. Paturi

