

Christopher I. Fallin

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Objective To begin a career in academia in computer architecture, working to advance the reliability and performance of multicore/manycore systems with an approach that spans the hardware-software divide.

Education **Carnegie Mellon University** Pittsburgh, PA
In progress: Ph.D., expected in 2015 Aug 2009 – present

University of Notre Dame Notre Dame, IN
Degree: B.S. Computer Engineering, *summa cum laude* Aug 2006 – May 2009

Research Experience **Computer Architecture Lab at Carnegie Mellon** Pittsburgh, PA
Ph.D. research student fall 2009 – present
Research advisor: Dr. Onur Mutlu
Current area: On-chip interconnect networks

Notre Dame Computer Vision Research Lab Notre Dame, IN
Undergraduate researcher fall 2007 – spring 2009
Research advisor: Dr. Pat Flynn
Honors thesis: “Automatic Face Feature Localization for Face Recognition”

Work Experience **Cypress Semiconductor** Beaverton, OR
Undergraduate Co-op summers 2007, 2008

- Worked on integrated development environment (EDA tools) for next-generation programmable mixed-signal PSoC chips for two summers.

University of Notre Dame Notre Dame, IN
Teaching Assistant, CSE dept spring 2008, fall 2008, spring 2009

- TA for Logic Design, CSE 20221, in spring 2008 and spring 2009. Graded homeworks and supervised one lab section.
- TA for Computer Architecture I, CSE 30321, in fall 2008. Supervised weekly lab, held office hours, wrote homeworks.

Funding **NSF Graduate Research Fellowship** Aug 2010 – Jul 2013
Awarded April 2009; deferred one year.

SRC Graduate Research Fellowship Aug 2009 – Jul 2010
Awarded April 2009; funded for one year as a new Fellow without an associated SRC research project.

Honors

- The Rev. Steiner Award in Engineering, Notre Dame, April 2009 (*awarded to one graduating senior in each engineering discipline*)
- Tau Beta Pi and Upsilon Pi Epsilon engineering honors societies
- Engineering Honors Program, Notre Dame
- Dean’s List, all semesters at Notre Dame
- National Merit Scholarship

References Available upon request.