Amrita Mazumdar

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Education

In Progress — DOCTOR OF PHILOSOPHY, Computer Science, University of Washington
Advisors: Luis Ceze *&* Mark Oskin
Area: Computer Architecture

2014 — BACHELOR OF SCIENCE, Computer Engineering, Columbia University
Minor in English & Comparative Literature

RESEARCH INTERESTS

Computer architecture, microprocessor design, low-power and energy-efficient systems

Work Experience

2013 — DREU Research Fellow, Laboratory for Engineering Man-Machine Systems, Brown University
2012 — ASIC Design Intern, IBM Microelectronics
2011 — Undergraduate Research Assistant, Columbia Computer Vision Lab, Columbia University

Fellowships *&* Awards

2014 — Google Anita Borg Memorial Scholarship
2013 — CRA-W Distributed Research Experience for Undergraduates (DREU) Fellowship
2010 — University of Rochester Frederick Douglass and Susan B. Anthony Award

Publications

[1] A. Mazumdar. Principles and techniques of schlieren imaging systems. Technical Report CUCS-016-13, Department of Computer Science, Columbia University, New York, NY, July 2011.

Invited Talks

2014 — APPLYING TO GRADUATE SCHOOL, Grace Hopper Celebration of Women in Computing

Teaching

2014   Seminar Instructor, Emerging Scholars Program (COMS 3998), Columbia University
Teaching Assistant, Embedded Systems Design (COMS 4840), Columbia University
2013   Laboratory Assistant, Columbia Science Honors Program
2012   Teaching Assistant, Object-Oriented Programming (COMS 1007), Columbia University

Professional Activities

2013   Vice President, Columbia Women in Computer Science
2011   Deputy Editor, Digital Infrastructure, Columbia Daily Spectator