

amal dar aziz

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san francisco, ca

SKILLS

Development

RoR, Javascript, JQuery, HTML5,
CSS, Java, GWT, Objective-C,
Actionscript, C, C++, Python, Perl,
XML, Django, Processing

Design

Balsamiq, Adobe Photoshop,
Illustrator, InDesign, Flash

INTERESTS

Needfinding

Design Methodologies

Web development

Tangible Interfaces

Collaboration Technologies

Improvisation

Photography

Print Media

EDUCATION

Stanford University

MS in Computer Science, with specialization in HCI | 12/08

BS in Computer Science, Minor in Mathematics | 6/07

EMPLOYMENT

Identified.com Senior Front-end Developer

San Francisco, CA | MAY 2011 — PRESENT

Coding and designing Identified.com.

Luidia Inc Front-end Software Engineer

San Carlos, CA | JULY 2010 — APRIL 2011

Developed new web technologies while utilizing my interaction design experience. Collaborated closely with designers to create interactive white-board experiences. Created product specifications and interaction prototypes.

Luidia Inc Interaction Design Engineer

San Carlos, CA | JAN 2009 — JULY 2010

Researched, designed, and speced new and emerging interactive technology solutions for corporate and education markets. Part of the Luidia Labs, a team of design engineers that prototypes systems based on needfinding and/or current technology trends.

VMware R&D UI Intern for Desktop Products

Palo Alto, CA | JUNE 2008 — SEPT 2008

Wrote a proposal for and implemented accessibility support for VMPlayer. Also worked on Workstation UI components.

Apple Inc Architecture and Performance Team Intern

Cupertino, CA | JUNE 2007 — SEPT 2007

Prototyped new UI and internal data structure for Reggie, a tool used by engineers to analyze the state of a Mac system's registers.

Intel Corporation Nehalem AV Intern

Hillsboro, OR | JUNE 2006 — SEPT 2006

Developed and executed test plans exercising critical areas of architecture validation tool chain developed to test Nehalem.

Intel Corporation Nehalem AV/Migi Intern

Hillsboro, OR | JUNE 2005 — SEPT 2005

Improved performance of Nehalem architecture validation toolchain's internal memory structure using red-black binary tree structure. Wrote memory selection algorithms to automate statistical analysis reports of data/code/stack distribution in memory.

PROFESSIONAL ACTIVITY

Stanford, CA **Ambidextrous Magazine** Co-Editor-in-Chief
MAY 2008 — PRESENT
Lead the content development and production of quarterly cross-disciplinary, cross-market print magazine for Stanford d.school, and Center for Design Research to create a forum for the academic and professional design community.

Stanford, CA **Ambidextrous Magazine** Editorial Staff
OCT 2007 — APR 2008
Wrote and edited articles and conducted interviews for quarterly print magazine and developed visual layouts for content.

TEACHING EXPERIENCE

FALL 2010 **Design Evangelism: Ambidextrous Magazine**
Instructor, with Micah Lande & Julia Cosgrove

FALL 2008 **CS147 Introduction to Human-Computer Interaction**
Course Assistant for Prof. Scott Klemmer

SPRING 2008 **CS105 Introduction to Computer Science**
Head Course Assistant for Dr. Patrick Young

WINTER 2008 **CS201 Computers, Ethics, and Social Responsibility**
Course Assistant for Prof. Eric Roberts

FALL 2008 **CS105 Introduction to Computer Science**
Course Assistant for Dr. Patrick Young

WINTER 2007 **ENG17SI Exploring and Exploiting Poetic Forms**
Co-instructor with Supriya Misra

PUBLICATIONS

POSTER & DEMONSTRATION Amal Dar Aziz, Chris Warren, Hayden Bursk, and Sean Follmer. *The Flote: A Musical Instrument for People with Limited Mobility*. In Proceedings of the 10th International ACM SIGACCESS Conference on Computers and Accessibility. Halifax, Nova Scotia, Canada. Demonstration.

JOURNAL ARTICLES Amal Dar Aziz. "Being Undigital": Rethinking Photography with Computational Photography. In *Stanford Electrical Engineering and Computer Science Journal*, Spring 2006.

Amal Dar Aziz. *All The World's An Interface: Understanding Human-Computer Interaction*. In *Stanford Electrical Engineering and Computer Science Journal*, Fall 2007.

ACTIVITIES

ADVISING Computer Science Department Associate Advisor | 2006 – 2007
Undergraduate Peer Mentor | 2005 – 2006

STUDY ABROAD Stanford Overseas Program at Oxford. Tutorial on Computer Security with Dr. Ivan Flechais, Departmental Lecturer at the Oxford University Computing Laboratory | SPRING 2006