

SUSIE RONG FU

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EDUCATION

Massachusetts Institute of Technology | Cambridge, MA

Candidate for Bachelor of Science in Electrical Engineering and Computer Science (EECS) with a Minor in Management Science June 2012

GPA: 4.8/5.0. Relevant Coursework: Discrete Mathematics, Introduction to EECS I & II, Differential Equations, Circuits and Electronics, Elements of Software Construction, Signals and Systems, Computation Structures, Introduction to Algorithms

Texas Academy of Mathematics and Science | Denton, TX

Located at the University of North Texas. GPA: 4.0/4.0, with Honors

August 2006 – May 2008

EXPERIENCE

MIT Humans and Automation Lab | Cambridge, MA

Undergraduate Researcher

January 2010 – Present

- Assuring software quality through in-depth code analysis, testing and error fixing of the Deck operations Course of Action Planner (DCAP) project, which simulates aircraft carrier operations
- Helping to design, program, and test a new user interface for the system

MIT Media Laboratory, Design Ecology Group | Cambridge, MA

Undergraduate Researcher

February 2009 – August 2009

- Wrote code in Java to improve the Graphical User Interface design and several backend features for *MIDE*, a Graphical Programming project that aimed to visually represent traditionally-text-based code
- Investigated frontend application design issues, including layout, color and icons
- Prepared project for exhibition at the 2009 ARS Electronica Festival in Austria

MIT Alumni Association | Cambridge, MA

Tech Caller

September 2008 – March 2009

- Sustained an active connection between the MIT alumni and the Institute
- Secured \$10,000 in donations from alumni for the MIT endowment

LEADERSHIP AND ACTIVITIES

Undergraduate Practice Opportunities Program | Cambridge, MA

January 2010

- A week-long professional development program that prepares MIT sophomores for success in the workplace through leadership and team-building activities

MIT Society of Women Engineers | Cambridge, MA

Webmaster

October 2009 – Present

- Revamping and maintaining the website for MIT SWE

MIT Model United Nations | Cambridge, MA

Web Designer

September 2009 – Present

- Redesigning the website for the MITMUN Conference in 2010; <http://www.mitmunc.org/>

TAMS Mu Alpha Theta | Denton, TX

Secretary, Publicist

August 2007 – May 2008

- Managed and planned the first annual TAMS Math and Science Competition, attended by over 100 Texas students
- Designed the website and advertisements for the competition; organized logistics for both the competition and weekly club meetings and activities

SKILLS

Computer Languages | Fluent in Java, Python, HTML, CSS; Familiar with PHP, JavaScript.

Computer Applications | Extensive experience with Adobe Photoshop; Familiar with Illustrator, Flash.

Languages | Fluent in Mandarin, Basic in French