

# SUSIE RONG FU



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2413 Hunters Run Dr.  
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## EDUCATION

**Massachusetts Institute of Technology** | Cambridge, MA

*Candidate for Bachelor of Science in Electrical Engineering and Computer 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

**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 Media Laboratory, Design Ecology Group** | Cambridge, MA

*Undergraduate Researcher*

February 2009 – August 2009

- Researched different approaches to turn a graphical programming environment idea that seeks to visually represent traditional text-based code into an executable Java application
- Programmed the GUI and several backend functions and features
- 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

**UNT Physics Department** | Denton, TX

*Research Assistant*

August 2007 – May 2008

- Wrote and ran simulations on Mathematica (in Optica) for different laser cavity designs for Dr. David Shiner

## LEADERSHIP AND ACTIVITIES

**MIT Society of Women Engineers** | Cambridge, MA

*Webmaster*

October 2009 – Present

- Revamping and maintaining the website for MIT SWE, <http://swe.mit.edu/>

**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, logo, 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, MySQL

**Computer Applications** | Extensive experience with Adobe Photoshop, Illustrator, Flash, and Microsoft Office Suite

**Languages** | Fluent in Mandarin, Basic French