

SUSIE RONG FU

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Plano, TX 75025

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 application design issues, including color, icons, and alignment
- 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 Model United Nations | Cambridge, MA*Web Designer*

September 2009 – Present

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

Mu Alpha Theta | Denton, TX*Secretary, Publicist*

August 2007 – May 2008

- Managed and planned the first annual TAMS Mathematics and Science Competition, attended by over 100 participants from around Texas
- 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