

Sarang Shah

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EDUCATION

GEORGE J. MITCHELL SCHOLARSHIP

TRINITY COLLEGE DUBLIN

Dublin, Ireland

M. Sc. in Theoretical Physics, 2009-2010

- **Prestigious U.S.** scholarship awarded for proven leadership ability and academic merit.
- **1 of 12** selected from **5000+** applicants. Studied and researched at the **#1** school in Ireland.

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

B. S. in Physics, Minor: Public Policy, 2005-2009

- Cumulative **GPA: 3.72**, **GRE: V: 640, Q: 800**, graduated with **Highest Honor - top 5%**.
- Perfect **SAT:1600**, **SATII Math:800**, **Physics:790**, **IB: 41/45 - top 2% worldwide**.
- National **German Academic Exchange (DAAD) RISE Scholar**, *Summer 2008*
- National **Robert C. Byrd Scholar. President's Undergraduate Research Awards.**

EXPERIENCE

TRINITY COLLEGE DUBLIN, *Teaching Assistant, 2009-2010*

- **Managed**, planned, and taught lessons to undergraduate math students of varying ability.

TECHNISCHE UNIVERSITÄT BERLIN, *Researcher, Summer 2008*

- **Developed** a deep-brain feedback treatment for Parkinson's disease in neuroscience lab.
- **Programmed** and **prototyped** extensively in **C++**, **MATLAB**, and **Java**.

GEORGIA INSTITUTE OF TECHNOLOGY, *Research Assistant, 2006-2009*

- **Engineered** a versatile methodology to generate and analyze policy social networks using articles from the media database **Lexis-Nexis** (**reducing** analysis time by **50%**).

LEADERSHIP ROLES AND ACTIVITIES

STUDENT GOVERNMENT ASSOCIATION, *2006-2008*

- **Chairman** - Planning & Development Committee – **Managed** meetings and **led** students on safety march - Co-chaired water shortage committee and conservation awareness campaign.
- **Department Representative/Webmaster** - **Created** and **implemented** e-voting system, **reducing** meeting times **by over 33%** - revised capital allocation rules for our over 2 million dollar budget, **cutting** long-term costs. Regularly employed **Excel** and **Powerpoint**.

COLLEGE DEMOCRATS OF GEORGIA TECH, *2006-2008*

- **Vice President of P.R.** – **Reorganized** recruitment and **doubled membership** - **Devised** a P.R. handbook that cut campaign prep. time from one month to a week, increasing visibility.

FREE EXCHANGE ON CAMPUS/HOUSE BILL 154 DEBATE, *Fall 2007- Spring 2008*

- **Rallied** campus against restrictive speech legislation in the Georgia State assembly – **Passed** a resolution, **testified** before a committee, and **interviewed** for Atlanta Journal-Constitution.

PERSONAL

Volunteer • **Coordinated** Jimmy Carter Center cleanup • **Taught** children creative writing at Fighting Words Dublin • Interned at Democratic Party of Georgia 2006 • Led tours and workshops at Science Gallery Dublin, a hybrid science and art gallery.

Interests • **Hiking** – hiked the Wicklow Way, Ireland • **Competitive Running** - Dublin Half-Marathon • **Playing** Blues guitar • **Exploring** global culture and economics

Languages English (native, fluent), German/French (competent), Gujarati/Hindi (basic).