

Chan Tran

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EDUCATION

Siena College,
Loudonville, NY

Bachelor of Science in Physics and Computer Science (GPA: 3.44 cumulative)
Expected graduation in May 2014

Education: Software Engineering, Advance Laboratory, Web Applications
Experience: Java, Python, Matlab, Microsoft Office, Adobe Photoshop,
Integrated Circuit Design

RESEARCH EXPERIENCE

06/2013 - 08/2013

REU study on nanowires using First-principles Calculations of Phonon Dispersion in Silicon Polytypes

Advisors: Dr. Frederic Sansoz, University of Vermont

05/2012 - 08/2012

NSF research grant: Data analysis on neutrinos for Daya Bay Reactor Neutrino Experiment and refurbishing Viper Radio Telescope

Advisors: Drs. John Cummings and Allen Weatherwax, Siena College

04/2011 - 08/2011

NIST research grant: Developed a Twitter search engine for the Microblog Track - Text Retrieval Conference (TREC)

Advisors: Drs. Small and Lim, Siena College

WORK EXPERIENCE

10/2011 to present

Mentor children (5th - 12th grade) in Urban Scholars, **Siena College**

09/2011 to present

Tutor in Physics and Chemistry, **Siena College**

08/2010 to 05/2013

Cashier, **BJ's Wholesale Club**, Albany, NY

01/2011 to 06/2011

Teaching Assistant in General Physics, **Siena College**

ACTIVITY INFORMATION

04/2012 to present

Sigma Pi Sigma National Physics Honor Society Membership

09/2011 to present

Physics Club Membership, Siena College, Latham, NY

04/2009 to 06/2010

National Honor Society Membership, Colonie Central High School, Albany, NY

11/2007 to 05/2010

Robotics Club Membership, Colonie Central High School, Albany, NY

07/2009 to 09/2009

Volunteer at **Saint Peter's Hospital**, Albany, NY

CONFERENCE CONTRIBUTION

11/15/2011-11/17/2011

Poster: *Utilizing Google for Query Expansion in STIRS* (Siena Twitter Information Retrieval System). **TREC 2011 Conference**, NIST campus, Gaithersburg, MD

HONORS AND AWARDS

- ❖ **Siena College**, Latham, NY. President Scholarship and Siena Grant from 2010 to 2013 academic years
- ❖ **Saint Peter's Hospital**, Albany, NY.
 - Certificate of Recognition for the contribution of time to volunteering, August 2009