

Chan Tran

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EDUCATION

Siena College, Latham, NY Senior student in double bachelors in Physics and Computer Science (GPA: 3.6). Expected graduation in May 2014.

Colonie Central High School, Albany, NY Graduated June 2010 with Advanced Regents Diploma
GPA: 95 (Honor Roll Grades 9-12)

RESEARCH EXPERIENCE

06/2013 - 08/2013 Research Experience for Undergraduates on nanowires using First-principles Calculations of Phonon Dispersion in Silicon Polytypes. **Advisors:** Dr. Frederic Sansoz, University of Vermont.

05/2013 - 08/2013 Data analysis on neutrinos for Daya Bay Reactor Neutrino Experiment and refurbishing Viper Radio Telescope, National Science Foundation. **Advisors:** Drs. John Cummings and Allen Weatherwax, Siena College.

04/2011 - 08/2011 Developed a Twitter search engine for the Microblog Track - Text Retrieval Conference (TREC), National Institute of Standards and Technology (NIST). **Advisors:** Drs. Small and Lim, Siena College.

WORK EXPERIENCE

10/2011 to present Mentor children (5th - 12th grade) in Urban Scholars, **Siena College**, Latham, NY.

09/2011 to present Tutor in Physics and Chemistry, **Siena College**, Latham, NY.

08/2010 to 05/2013 Cashier, **BJ's Wholesale Club**, Albany, NY.

01/2011 to 06/2011 Teaching Assistant in General Physics, **Siena College**, Latham, NY.

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.
- ❖ **Colonie Central High School**, Albany, NY.
 - US. President's Education Award Program for Outstanding Academic Excellence, June 2010.
 - Outstanding Academic Achievement Award for National Honor Society Membership from 2007 to 2010.
 - Achievement Citation: Principal's Prize, June 2010.
 - Xerox Award for Innovation and Information Technology for outstanding achievement in the pursuit of innovative approaches, May 2009.
- ❖ **Saint Peter's Hospital**, Albany, NY.
 - Certificate of Recognition for the contribution of time to volunteering, August 2009.