**Andy Chen**

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**Objective**

Seeking an Opportunity to Work with Mathematics Professors as an Undergraduate Lecture Assistant

**Education**

Georgia Institute of Technology, Atlanta, GA

August 2014 – Present

Chemical and Biomolecular Engineering Bachelor of Science Candidate

GPA: 3.60

Projected Graduation: May 2018

Desert Vista High School, Phoenix, AZ

August 2010 – May 2014

GPA: 3.83

**Professional Experience**

Parker H. Petit Institute for Bioengineering and Bioscience, Atlanta, GA

January 2015 – Present

Undergraduate Research

* Synthesized ionic liquids that incorporate active components of pharmaceutical drugs
* Prepared apparatuses to measure skin permeability of ionic liquids and their aqueous alternatives

Desert Vista Biotechnology Lab, Phoenix, AZ

January 2013 – May 2013

Internship

* Published a partial GAPC gene sequence of *Origanum Vulgare* on GenBank database
* Trained in FinchTV, biotechnology equipment, plasmid manipulation, and cell cultivation
* Performed research on nucleotide analysis to produce accurate gene sequences
* Certified in Bioscience Completion by Arizona Skill Standards Commission

Desert Vista High School, Phoenix, AZ

August 2010 – March 2014

Mathematics Tutor

* Tutored 1 hour per week, mentoring in trigonometry, algebra, probability, and statistics

Arizona Hope Chinese School, Mesa, AZ

August 2006 – May 2014

Volunteer

* Assisted teachers with in-class presentations and quiz grading
* Unpacked, organized, and took inventory of all textbooks each semester

**Leadership Experience**

China Care Club, Atlanta, GA

January 2015 – Present

Co-Fundraising Coordinator

* Aided Treasurer in applying for funding from Georgia Tech’s Student Government Association
* Organized events and communicated with other committee members to maintain fluidity of activities

Desert Vista Thunder Marching Band, Phoenix, AZ

August 2012 – May 2014

* Led the band as Drum Major in football events, Phoenix Easter parades, and competitive performances
* Planned future band events and activities with other committee members and band director
* Mentored students in musical execution and technique

**Honors and Activities**

US National Chemistry Olympiad

2014

AP Scholar with Distinction and National Merit Scholarship Commended Student

2014

Placed 1st in Phoenix Youth Symphony Young Musicians Concerto Competition Senior Brass/Percussion Division

2014

Marching Band ABODA Division 1 State Champions

Qualified for American Invitational Mathematics Examination

2010 – 2013

2013

**Skills**

* Fluent in Mandarin Chinese, basic French
* Java, JavaScript, Python, MATLAB