

# ANDY CHEN

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## OBJECTIVE

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Seeking an Internship position for Summer 2015 in a field related to Chemical and Biomolecular Engineering

## EDUCATION

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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

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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

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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

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US National Chemistry Olympiad 2014  
AP Scholar with Distinction and National Merit Scholarship Commended Student 2014  
Placed 1<sup>st</sup> in Phoenix Youth Symphony Young Musicians Concerto Competition 2014  
Senior Brass/Percussion Division  
Marching Band ABODA Division 1 State Champions 2010 – 2013

## SKILLS

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- Microsoft Office Suite, Adobe Photoshop, Logger Pro, AutoCAD
- Fluent in Mandarin Chinese, basic French
- Java, JavaScript, Python, MATLAB