

Education

- 2009–present **Ph.D. student, Earth and Atmospheric Sciences**, *Georgia Institute of Technology, Atlanta, GA.*
- 2005–2009 **BS, Chemical Engineering, Environmental Track**, *California Institute of Technology, Pasadena, CA.*

Awards and Honors

- 2009–present **President's Fellowship**, *Georgia Institute of Technology.*
- 2008 **William N. Lacey Summer Undergraduate Research Fellow**, *California Institute of Technology.*
- 2007–2008 **James J. Morgan Scholarship Fund in Environmental Engineering**, *California Institute of Technology.*
- 2006–2008 **Arloa Gassaway Scholarship**, *California Institute of Technology.*
- 2005 **National Merit Scholar.**

Research Experience

- 2008–2009 **Summer Undergraduate Fellow/Senior Thesis**, *California Institute of Technology.*
- Instrumentation development for measuring atmospheric nano-particles
 - Mentor: Prof. Richard C. Flagan
- 2007 **Summer Undergraduate Research Fellow**, *California Institute of Technology.*
- Modeled fluid flow and mass transfer in an optical biosensor setup
 - Mentors: Prof. Richard C. Flagan and Dr. Andrea M. Armani

Languages

- English **fluent**
- Mandarin Chinese **conversational**
- Spanish **basic understanding.**

Computer skills

- Math Packages Mathematica, Matlab, R
- Other software COMSOL Multiphysics, LabVIEW, \LaTeX , Microsoft Office