

# Tomas Ricciardulli

tr245@cornell.edu ♦ (607) 379 2904

---

## EDUCATION

**Cornell University College of Engineering**, Ithaca, New York *August 2013 – May 2017*  
*Bachelor of Science, Chemical Engineering*

- ♦ Minor: History
- ♦ Cumulative GPA: 3.91, Major GPA: 4.03
- ♦ Graduated Magna Cum Laude; Dean's list, all semesters

## WORK EXPERIENCE

**Unilever**, Englewood Cliffs, New Jersey *June 2016 – August 2016*  
*R&D Intern – Process Development & Engineering*

- ♦ Performed experimental development in order to determine both optimum process operation parameters and ideal raw material source for a new Lipton iced tea product by systematically varying multiple important process core variables and noting impact on product quality and yield
- ♦ Implemented and improved upon existing lab-scale model of industrial iced tea process
- ♦ Utilized statistical methods in data analysis of laboratory results in order to both confirm validity of results and to identify potential points of interest through interpolation
- ♦ Ran plant-scale trial to refine lab results and enable further product and process development
- ♦ Suggested alternative product formulation which was approved by team members and leadership
- ♦ Delivered parameter recommendations in a final presentation which both summarized key findings and identified areas for further research

**Jet's Pizza**, Roswell, Georgia *August 2012 – August 2015*  
*Shift Leader, Kitchen Staff*

- ♦ Trained and managed new employees
- ♦ Handled customer questions and resolved complaints

## ON-CAMPUS ACTIVITIES

**College of Engineering**  
*Undergraduate Researcher* *January 2017 – May 2017*

- ♦ Conducted research to characterize the residence time distribution of the Corning Low Flow Reactor for the development of new experiments in ChemE 4320
- ♦ Documented and analyzed experimental data, delivered findings through weekly written reports

*Undergraduate Teaching Assistant* *January 2017 – May 2017*

- ♦ Tutored and instructed students enrolled in ChemE 3320 (Separation Processes) by holding office hours and leading discussion sections
- ♦ Graded homework and exams, prepared solutions for problem sets

**Tau Beta Pi Engineering Honor Society** *September 2015 – May 2017*  
*Vice President, Professional Development Chair*

- ♦ Organized and coordinated the annual Science and Engineering Fair
- ♦ Coordinated and assisted companies in hosting information sessions
- ♦ Initiated and led recruitment sessions as a key speaker

**American Institute of Chemical Engineers** *September 2013 – May 2017*  
*Chemical Engineering Consultant*

- ♦ Promote development within the Chemical Engineering class by offering guidance

## ADDITIONAL SKILLS

Aspen ♦ Autodesk Inventor ♦ Java ♦ Mathematica ♦ MATLAB ♦ Microsoft Excel ♦ Microsoft PowerPoint ♦ Microsoft Word ♦ Proficient in Spanish ♦ R