

# Aditya Agarwal

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## EDUCATION:

Bachelors of Science: Chemical Engineering  
University of California, Davis

Expected graduation: December 2015  
GPA: 3.06/4.000

## SKILLS:

- Laboratory: Distillation, Titration, Pipetting, Extractions, Vacuum
- Computer: MATLAB, Microsoft Office, Aspen
- Language: Fluent in English and Hindi

## EXPERIENCE:

### Safety Team Lead: Chem-E Car

October 2014-present

- Lead a team of students to write documentation for the Chem-E car.
- Work with other team leaders to gather data about power and stopping mechanisms.
- Monitor safety habits of other teams.

### Research Assistant: Biomedical Engineering Department, UC Davis

July 2013-October 2013

- Researched the best dyes to use for imaging vesicles based on chemical properties.
- Assisted graduate student on performing research into properties of lipid vesicles.
- Prepared lipids with a buffer and formed vesicles using the process of electroformation.
- Studied temperature, buffer, and acidity effects on vesicle formation.
- Observed properties using fluorescent microscopy technique.

### Community Assistant: Carmel Partners

July 2013

- Maintained cleanliness around the property.
- Worked with a team to pressure wash the apartment complex.

## ACTIVITIES:

### American Institute of Chemical Engineers

#### • Historian

October 2014-present

- Take photos for club events and upload them online.
- Put together resume book for Night with Industry 2014.

#### • Junior Representative

September 2013- June 2014

- Co led a committee to plan and execute the 2014 AIChE Western Regional Poster Competition and Chem E Car Competition at UC Davis.
- Made announcements about meetings and upcoming events before class.