

Ray Chen Wang

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EDUCATION

University of Texas Austin Austin, TX

Ph.D in Chemical Engineering, May 2016 (Expected)

Carnegie Mellon University Pittsburgh, PA

Bachelor of Science in Chemical Engineering, May 2012

Minor in Business Administration

Overall GPA: 3.84/4.0

EXPERIENCE

Carnegie Mellon University, Department of Chemical Engineering Pittsburgh, PA

Research, July 2011 – Present

- Studied thin-film ice formation as a precursor to horizontal ribbon growth for silicon wafers
- Worked to fix and improve existing apparatus

Viva Biotech Shanghai, China

Lab Internship, May 2010 – July 2010

- Operated LC-MS system and made appropriate adjustments as necessary
- Prepared solvents for LC-MS system as needed
- Maintained LC-MS system on a day-to-day basis

Strive for College Pittsburgh, PA

Volunteer, Fall 2009 – Spring 2010

- Assisted underprivileged high school students in applying for college

Carnegie Mellon School of Computer Science Pittsburgh, PA

Course Assistant for Introduction to Programming, Spring 2009

- Provided office hours for students needing tutoring throughout the semester

PROJECTS

Glow Stick Content Determination, Spring 2010

- Responsible for safety of group members throughout project
- Attempted to quantify the amount of oxalate in a glow stick
- Prepared glow stick solutions and measured fluorescence

SKILLS

Languages – Fluent in Chinese (Both written and spoken), Basic Japanese and Korean

Computer Skills – Java, Basic C Programming, MATLAB