

## **Darren, Xinyu Chen**

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### ***Objective***

Obtain a junior level position in field of Chemical Engineering/Chemistry that focuses on manufacturing and/or process management, and that provides me chances to utilize my talents and practical working skills.

### ***Highlights of Qualifications***

- Effective team member & also comfortable with leading or collaborating.
- Flexible in language & effective in working with individuals of different background and temperaments.
- Strong organizational skills, able to handle multiple tasks simultaneously.
- Strong project management skills & analytical skills; organized and details-oriented.
- Working experience along with Master and Bachelor Degree of Chemical Engineering.

### ***Work Experience & Extracurricular Activities***

#### **ExxonMobil (Taicang) Petroleum Co., Ltd, Jiangsu Province, China**

##### QA Lab Chemist

Aug. 2013 – Oct 2014

- Assist manager oversee daily laboratory operation and assure product quality integrity.
- Conduct standardized physical & chemical tests to a wide range of lubricant products; systematically maintain various formulations of them as well.
- Mainly responsible for robustness of plant formulations, non-conformance investigation and corrective action; Keep a close watch on First Time Blending Right (FTBR) at laboratory side.
- Lead and participate in projects to increase manufacturing efficiency.
- Finish various paperwork timely and precisely- report to compose, forms to fill in, permissions to obtain.
- Collaborate across functions to boost a better manufacturing process.

##### Operation Specialist

Mar.2013 – Aug 2013

- Lead Slow Moving Dying Stock Project in Supply & Demand Department & successfully develop a user-friendly system that is able to conducts data analysis semi-automatically.
- Lead Anti-counterfeit Project in Marketing Department & study the feasibility of several anti-counterfeit techniques applicable to our products packed in different size.

#### **Nonlinear Ion Dynamics LLC, California, USA**

##### Engineering Intern

Sep.2012-Dec.2012

- Work with other interns from different disciplines and senior researchers on clean fusion energy project and seawater purification project.
- Troubleshoot technical problems; run experiments, correct data and generate reports; prepare RF plasma torch operation manual.
- Gain hands-on experience on vacuum pumps, rotation system, RGA, oscilloscope, etc.

**California Science Center, California, USA**Museum Volunteer

Apr.2011-Jul.2011

- Customer service and exhibits interpretation.
- Contribute to the community

**Shenzhen Sino-Benny LPG Co.,Ltd, Guangdong Province China**Production Department Intern

Jan.2010-Feb.2010

- Work first and second shifts with senior pipeline engineers and mechanical engineers to maintain safe and highly efficient production process.
- Gain expertise in transport and storage of liquefied petroleum gas.
- Experienced in P&ID, DCS, heat exchanger, compress and other process equipments in the plant.

**Sinopec Guangzhou Petrochemical Company, China**Oil Refining Department Intern

Sep.2009-Oct.2009

- Attended training to gain a deeper understanding of crude oil refinery process.
- Gained experienced in P&ID and DCS.

***Skills***

- Tri-lingual: English, Cantonese & Mandarin.
- Microsoft Office includes: Excel, Word, Outlook, PowerPoint, Visio, Access and Publisher.
- Knowledge and use of Laboratory Information Management System and SAP software.
- Operating experience of more than 15 lubricant tests (Kinetic Viscosity and CCS for example).

***Education & Credentials*****Master of Science, Chemical Engineering, GPA: 3.58/4.00**

Jan.2011-May.2012

University of Southern California, United States

**Bachelor of Science, Chemical Engineering Technology, GPA: 3.17/4.00**

Sep.2006- Jul.2010

South China University of Technology, China

**Honors**

- Scholarship from South China University of Technology
- 3<sup>rd</sup> Prize Award of College Chemical Engineering Design Contest