**Da Wang**

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**Objective**

An able, enthusiastic, goal-oriented, college graduate seeking a position that utilizes my chemistry and biology laboratory experience, information technology skills, and personal attributes including dedication, creativity, and reliability.

**Education**

**Illinois Wesleyan University**, Bloomington, IL

Bachelor of Arts May 2015

Major: Chemistry

**Illinois Institute of Technology**, Chicago, IL

Professional Master Jan. 2017 – present

Major: Information Technology & Management

**Experience**

**Bunge Oils North America**, Bradley, IL Sept. 2015 – Nov. 2016

*Quality Control Lab Technician*

• Performed quality checks for oil samples including water activity, peroxide value, oxidative stability

index, BHA, BHT, TBHQ, free fatty acids, solid fat content, viscosity, iodine value, nickel, etc.

• Examined the trans fats and fatty acid composition of oil samples by using FT-IR and GC-MS

• Saved records of samples in the intranet system and reported quality issues to supervisors

**The International Cancer Advocacy Network (ICAN)**, Phoenix, AZ Aug. 2015 – Apr. 2016

*ICAN Volunteer Web Research Intern (telecommuting from Illinois)*

• Searched latest cancer journal articles on PubMed, PMC, and Google Scholar

• Collected abstracts of articles and sent them to ICAN Patient Services staff and Tumor Board

**Illinois Wesleyan University Chemistry Department**, Bloomington, IL 2014

*Student in Adv. Inorganic Synthesis/Analysis Course*

• Isolated octahedral cobalt complexes, synthesized ferrocene, and prepared hematite (α-Fe2O3) crystals

• Worked in a 4-person team to complete experiments and prepare reports, proposals, and a presentation

• Acquired experience with cyclic voltammetry, atomic absorption spectroscopy, column

chromatography, gas chromatography–mass spectrometry, IR air-sensitive synthesis, SciFinder Scholar

**Illinois Wesleyan University Chemistry Department**, Bloomington, IL Summer 2013

*Research Assistant*

• Multi-step synthesis of N, N', N'', N'''-(2-aminoethyl)-1,4,8,11-tetraazacyclotetradecane to be used as

a host for polyoxometalates

• Gained experience with mechanical stirring equipment, vacuum distillation, vacuum filtration, rotary

evaporators, extraction, TLC, NMR analysis

**Illinois Wesleyan University Biology Department**, Bloomington, IL Summer 2012

*Research Assistant*

• Replicated characiform fishes’ genes using Escherichia coli

• Ran electrophoresis to verify components of fishes’ genes; reviewed findings with department faculty

• Explored the developmental mechanisms responsible for the skeletal variations seen in the adults

**Skills**

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| --- | --- | --- |
| • Chemical synthesis | • Ultraviolet-visible spectroscopy | • Polarimeter |
| • Wet Chemistry | • Mycobacteriophage DataBase | • PH testing |
| • Scientific writing | • Microsoft Office Word/Powerpoint/Excel | • ChemBioDraw |

**Activities and Honors**

Translator and editor in Reed Chinesizing Group 2014 – 2015

Manager of Illinois Wesleyan University Badminton Club 2012 – 2015

IWU Student Alumni Award Scholarship 2011 – 2015

Dean’s List 2011 – 2012

DJ at WESN Radio Station 2011 – 2012