

LUCY CHEN

SUMMARY

A highly motivated graduate student with strong analytical and mathematical skills that can contribute to many professional fields. A conscientious and hardworking student seeking to leverage my knowledge of computer programming, data analytics, and artificial intelligence by pursuing a Masters in Information Sciences.

WORK EXPERIENCE

TutorMe

Tutor

July 2017 - Present

- Tutored students online in various subjects including chemistry, math, and physics
- Assisted over 10 students, including one regular student, with an average quality rating of 4.8 stars

University of Pittsburgh, Chemistry Department

Safety Course Developer

June 2018 - August 2018

- Redesigned and implemented graduate teaching assistant training program to better prepare new graduate students to enforce laboratory safety and minimize hazards and risks in the undergraduate laboratories
- Developed undergraduate and graduate safety course curriculum by creating assignments, assessments, and training stations related to improving laboratory safety culture at the University

University of Pittsburgh Toxoplasma Lab

Lab Aide

Pittsburgh, PA
January 2016 - April 2016

- Facilitated the work of student researchers by overseeing inventory of lab equipment and materials
- Maintained a healthy work environment by properly disposing of biological waste and sharps, and washing and autoclaving used glassware and appliances

Earthen Vessels Outreach

Mentor/Tutor

Pittsburgh, PA
September 2014 - December 2014

- Tutored children from preschool to high school with homework assignments
- Supervised children in both academic and extracurricular activities coordinated by EVO teachers

Eastern Dragon

Cashier

North Wales, PA
August 2014 - Present

- Regulated flow of service by overlooking both take-out and dine in services, resolving customer complaints in person and over the phone, and ensuring customer's satisfaction
- Completed cash and credit card transactions and balanced the cash register at the end of day
- Trained new cashiers on taking orders, operating the computer system, and providing good service

RESEARCH EXPERIENCE

Star Research Group · Undergraduate Researcher

January 2017 - April 2018

- Developed a mechanism with a graduate student for gas sensing methane using single-walled carbon nanotubes devices
- Conducted and collected FET data of the five major taste compounds using singled-walled carbon nanotube devices with semiconducting metal deposition to be implemented into machine learning

Organic Chemistry Laboratory · Undergraduate Teaching Assistant

September 2016 - December 2017

- Supervised students during weekly organic chemistry lab experiments to promote safety and proper execution of techniques
- Provided assistance to students with questions and concerns regarding laboratory experiment

Merieux- Sino Silliker · Intern in Chemistry Lab

June 2016 - August 2016

- Extracted benzoic/sorbic acid, aflatoxins, melamine, and saccharin additives in various food food products using additive specific methods for gas and liquid chromatography.
- Prepared aqueous samples of pesticides to test for purity of a desired substance in pesticides and validation of a substance testing of pesticides

UPMC Family Medicine, Maikuru Project · Research Assistant

January 2015 - April 2015

- Analyzed the association between satisfactory level of mentor and mentee relationship and presence of depression in teen mothers to determine the success
- Evaluated surveys for satisfactory level of the mentor/mentee relationship, and Epidemiologic Studies Depression Scale (CESD-R for depression
- Presented poster on research project: Mentor Relationship and Symptoms of Depression in Teen Mothers

STUDY ABROAD

Donghai University

Shanghai, China

June 2016 - August 2016

- Immersed in the Chinese lifestyle and culture through taking a Chinese history and culture course on political, economic, and social issues during Communist China, attending weekly Chinese conversation class, and interning at the Chinese branch of Merieux-Sino Silliker, a French foreign food safety company

Chatham Maymester in Taiwan

Taiwan

May 2016 - May 2016

- Researched the difference between the education system in Taiwan and that in America by interviewing with local students, from elementary level to collegiate level
- Explored Taiwanese culture through daily expedition to cultural and historical sites including National Palace Museum, Chiang Kai-Shek Memorial Hall, Buddhist Temples, night markets, and more

CONTACT

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🔗 lucychen1996

EDUCATION

University of Pittsburgh August 2018 - Present
M.S. Information Sciences 2020
Relevant Coursework: Data Structures, Web Technologies and Standards, Data Analytics,

University of Pittsburgh August 2014 - April 2018
B.S. Chemistry 2018
Relevant Coursework: Intermediate Java, Discrete Structures

AWARDS

Nationality Room · John H. Tsui Memorial Award
April 2016

University of Pittsburgh · Dean's List
Fall 2014 - Fall 2016
Fall 2017 - Spring 2018

University of Pittsburgh · Edgar L. Levenson Grant
August 2014

SKILLS

MICROSOFT OFFICE

Word
Excel
Powerpoint

LANGUAGE

Mandarine Chinese (Proficient)

PROGRAMMING LANGUAGES

Java
HTML
CSS