

Ruijie Xu
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Education

The University of Georgia, Athens, GA

Bachelor of Science, Biochemistry

Certificate in Computing

Research Experience

Undergraduate Assistant

June 2016 – May 2017

Dr. Debra Mohnen's Lab | Complex Carbohydrate Research Center

Athens, GA

- Successfully cloned genes from switchgrass into cloning vectors and heterologous expressed the genes in the mammalian cells in order to demonstrate the function of the encoded gene.
- Analyzing and organizing observed data into MS Excel graphs and charts format. Adeptly performing multiple lab techniques including PCR, cloning, seed planting under sterilized environment, etc.
- Presented poster in the Biochemistry Symposium with the cloning and heterologous expression project.

Undergraduate Assistant

August 2017 - Present

Dr. Arthur Edison's Lab | Complex Carbohydrate Research Center

Athens, GA

- Using designed workflow and tools to analyze the NMR spectrums from collected data in order to differentiate the different metabolites of the mechanisms in *C.elegans*.
- Learning MATLAB skills and data analyzing skills. Working with bioinformatics group designing new tools for data analyzing.

Work Experience

Pharmacy Technician

June 2017 - Present

Buywise Drug Store

Athens, GA

- Working with pharmacists to help prepare and giving out prescription medication and providing information to patients about medicine.
- Answering phone calls from patients, other pharmacies, hospitals and insurance companies to ensure medications are distributed to the patient correctly.

Biochemistry Tutor

August 2017 -Present

UGA Student-Athlete Academic Services

Athens, GA

- Making detailed study plans for student-athletes according to their course load, exam schedules, and training schedules.
- Helping student-athletes with their academic works in biochemistry including explaining the lecture's from classes and preparing student-athletes for the upcoming exams.

Activities / Campus Involvement

Participant

March 2016

UGA Impact Trip

Jackson, MS

- Advocating for children and adults with mental disability. Including tabling at the polling place
- Volunteering in nursing homes and hospitals to help children and adults with physical and mental disabilities. Volunteering at local food banks and churches to help prepare meals to the homeless.

Secretary, Fundraising

August 2015 - Present

UGA Alpha Sigma Rho Sorority

Athens, GA

- Planning and organizing fundraising events for One Sky foundation helping orphans in China including budget planning, tabling reservation, managing, and organizing fundraising events.
- Participating in volunteer activities including adopting highway, animal shelter, and Boys & Girls Club.

Member

January 2015 - Present

UGA Mathcounts

Athens, GA

- Reaching out to local middle schools and high schools to develop student's interest in math.
- Helping middle school students with difficulties in math improving math skills

Awards Zell Miller Scholarship Recipient | Dean's List

Skills Fluent in Chinese, basic Spanish | basic JAVA and MATLAB programming | Excel/Powerpoints