

Katelyn N. Coolidge

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2021

Bachelor of Science and Arts in Biology, GPA 3.8

Minor in French

Study Abroad: Immersive French Program, *Université Paris VIII Vincennes - Saint-Denis*; Paris, France (Spring 2020)

RESEARCH

Microbe Hackers Lab, Freshman Research Initiative, UT Austin

August 2017 – July 2019

Research Mentor

January 2019 - July 2019

- Selected by my professor to teach freshmen students basic laboratory skills, assisted with experiment design, and performed various administrative tasks such as organization and grading.
- Conducted research project to genetically engineer a biosensor designed to alert users of water contamination by toxic substances such as arsenic and lead.
- Selected to present on my summer research “Cyanobacterial Consortia Biosensors” in the Computational/Synthetic Biology subcategory at the Fall Undergraduate Research Symposium at UT Austin in Fall 2019.

Undergraduate Research Assistant

August 2017 - December 2018

- Collaborated with other students on various science research projects in the field of synthetic biology and genetic engineering, and conducted my own experiments such as transformation of bacteria.
- Demonstrated an ability to quickly learn novel techniques and workflows, as I entered the lab with no previous experience and swiftly transitioned to performing experiments on my own.

EXPERIENCE

The Mazarella Family, Austin, TX

August 2020 – Present

Child Caregiver

- Nanny for two children, aged 3 and 5.
- Handled all transportation pick up and drop off of children while maintaining a perfect driving record.
- Intervened during strong disagreements and established a safe, open environment for communication.

UT Campus Events + Entertainment, UT Austin

January 2018 - December 2019

Student Programming Assistant

- Managed key distribution for lockers/closets rented by student organizations, including visitor check-in.
- Maintained Campus E + E website and calendar for events for the committees served by the E+E office.
- Performed clerical duties including answering phones, sending emails, making copies, and data entry.

Delaware North Co, Yellowstone National Park

May 2017 - August 2017

Cashier

- Managed a cashier's station at the busiest gift shop in Yellowstone National Park, just next to Old Faithful.
- Demonstrated initiative as the top upseller in the store during the course of employment.
- Displayed an ability to handle charges/payment with accuracy and attention to detail.

ADDITIONAL

Laboratory Techniques: cellular transformation (electroporation and conjugation), PCR, gel electrophoresis, sterile technique, spectrophotometry, growing and maintaining cell cultures.

Computer Skills: Microsoft Office Suite, R programming language

Languages: French