ISABELLA FIORENTINO

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EDUCATION

University of Georgia Athens, GA
Bachelor of Science in Biology December 2022

PROFESSIONAL EXPERIENCE

Hydrologic Field Assistant, *United States Geological Survey,* Norcross, GA September 2021-April 2022

- Gathered and investigated data concerning water depth, flow, and quality using computers and state-of-the-art electronic devices to collect and share hydrologic information
- Collaborated with 4 to 5 team members daily to perform measurements of water quality and precipitation levels as a field assistant
- Performed installations, maintenance, servicing, and troubleshooting of sensing, recording, and communications equipment and instrumentation whenever needed or required
- Safely and correctly utilized nearly $200,000 worth of sophisticated equipment owned by the federal government
- Worked outdoors in undeveloped and sometimes difficult terrain that often required considerable physical effort to reach

Peer Learning Assistant, *General Chemistry 2,* Athens, GA August 2021-December 2021

- Improved student learning and content understanding in a large enrollment course by working closely with UGA professors and students as a peer learning assistant
- Attended weekly seminars to build mentorship, goal setting, communication, and teaching skills
- Explained complex mathematical and scientific concepts related to chemistry to students in a group and one-on-one setting
- Administered and supervised general chemistry exams while maintaining the integrity of the testing environment

PROJECT EXPERIENCE

Mutations in *Arabidopsis thaliana,* *Plant Biology Intensive Lab,* Athens, GA August 2022-Decmber2022

- Carried out three semester long projects investigating the effects of MKK mutations in *Arabidopsis thaliana* on embryogenesis
- Performed basic wet lab and molecular cloning techniques including design of PCR primers, amplification of DNA, transformation of *E. coli* and *Agrobacterium* with plasmids, and Sanger sequencing

Pebble Mine Research Project, *Principles of Biology 2,* Athens, GA August 2020-January 2021

- Collaborated with UGA professors on creating a new addition to UGA's Biology Curriculum involving The Pebble Mining Project in Alaska's Bristol Bay
- Researched and analyzed dozens of peer reviewed papers and popular sources pertaining to The Pebble Mine Project for a research paper synopsis

LEADERSHIP EXPERIENCE

Social Media Manager, *Ocean Initiative Club,* Athens, GA January 2020-January 2021

- Managed the club's social media by creating all relevant graphics and media
- Coordinated club events by acting as a liaison between club members and executive members

Rush Executive Board Member 2019, *Gamma Phi Beta Sorority,* Athens, GA August 2019

- Member of the Delta Upsilon chapter of Gamma Phi Beta Sorority since August of 2018.
- Led a team of 20 members as head of the Bulletin Board Committee to brainstorm, design, and composite promotional graphics utilized in the recruitment process
- Designed 12 informational boards to be displayed during Fall 2019 Panhellenic Recruitment week.

SKILLS

Technical: RStudio, Python, ArcGIS Pro, Microsoft Office Suite, Google Office, Mailchimp Email, Canva Content Studio
Languages: English (native), Spanish (basic proficiency)

HONORS AND AWARDS

Zell Miller Scholarship Recipient August 2018-Present
Leah Pope Scholarship Recipient August 2018
Dacula Athletic Association Cheerleading Scholarship Recipient August 2018
Gold U.S. Presidential Volunteer Service Award March 2016-2018