

# Rebecca Barbanell

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## TECHNICAL SKILLS

R Studio, R Shiny, SQL, Git, QGIS, Arc Pro, Python, Java, Adobe Creative Cloud

## PROFESSIONAL EXPERIENCE

### **Ness of Brodgar Archaeological Site | Data Management | Orkney Islands, Scotland** July - August 2022

- Generated geochemical data of the major and minor trace elements of soil samples of various date ranges in collaboration with an archaeological dig.
- Tracked and managed results data for 200 + soil samples.
- Implemented python program to discover inconsistencies and ensure clean and accurate data.
- Streamlined data collection and storage by creating a system of naming and compiling information for easier accessibility and data analysis.

### **Seattle Central College | Mathematics Tutor | Seattle, WA** October 2019 - August 2021

- Specialize as an individual tutor, simplify math concepts, and coach students to think critically to solve problems.
- Improve tutee comprehension and increased competence while fostering confidence for success. Maintained a 98% tutee satisfaction rating.
- Cultivate a fun and interesting learning environment which encourages questions and discussion.

### **Broadcast Coffee | Barista | Seattle, WA** June 2016 - October 2019

- Reduced waste and implemented a composting system between Broadcast Coffee and Beacon Hill Food Forest.
- Maintained outstanding customer service in a fast-paced environment.
- Worked with managers to develop guidelines for creating safe customer interaction with the LGBTQIA+ community and patrons.
- Trained new baristas in opening/closing duties and procedures.

## EDUCATION

**A.S Associate in Science Transfer, *Seattle Central College*** March 2020

## LEADERSHIP + VOLUNTEERING

### **President of WiSE Club | Women in Science and Engineering | Seattle Central College** February 2019 – March 2020

- Coordinated fifteen professional engineers and three Seattle Central alumni and 30 volunteers and a student audience of 165+ for Engineering Mentor Night.
- Planned, created, and implemented highly effective club plans and agendas while informing club members.

### **Treasurer of SACNAS | Society for Advancement of Chicanos/Hispanics and Native Americans in Science** March 2019 – March 2020

- Attended the SACNAS National Conference with four other SACNAS members.
- UI Designer for an educational video game, worked independently and collaboratively with team members to develop UI/Workflow and design using Creative Cloud and Unity.