

Brandon Ropell

Rocky Point, New York, United States



brandon.ropell@gmail.com



631-335-6109



[linkedin.com/in/brandon-ropell-165a84245](https://www.linkedin.com/in/brandon-ropell-165a84245)

Experience



Analyst

Long Island Analytical Laboratories, Inc.

Oct 2018 - Present (3 years 11 months +)

Volatile organics: Run own department, use Atomx autosampler with gas Chromatography mass spectrometry (GCMS) to analyze soil, waters and air

- Wet chemistry: methylene blue active substances (MBAS) assay, oil & grease in water through hexane extraction, alkalinity testing, and toxicity characteristic leaching procedure (TCLP)
- Demonstration of capability (DOC) completed for all above procedures
- Responsible for ordering supplies/reagents for wet chemistry
- Responsible for making any reagents not ordered
- Work individually and occasionally as part of a team to analyze client samples
- Understanding and use of quality control procedures
- Use of ethics and data integrity
- Work efficiently by multitasking, using wait times to perform other duties
- Safety training in handling acid and organic waste
- Maintain an organized logbook of all bench sheets
- Knowledge of Element Data Entry System



Bartender

Po' Boy Brewery

May 2018 - Present (4 years 4 months +)

- Work individually and part of a team tending the bar
- Knowledge of menu/product available
- Provide excellent customer service
- Prepare drinks and small bar foods/snacks
- Engage in conversation with a variety of people



Archivist

Stony Brook School of Medicine

Oct 2017 - Aug 2018 (11 months)

- Prepare specimens for medical school classes
- Organize the archive room so finding specimens is fast and easy
- Assist in communicating with doctors in pathology
- Minor tasks around the laboratory
- Handling of biohazardous waste



Research Assistant

Stony Brook University

Nov 2017 - May 2018 (7 months)

- Perform minor surgeries and blood perfusions on rats
- Bladder expression of rats
- Use of orthovoltage x-ray minibeam on rats
- Rat handling experience
- Cleaning and sterilization of tools using sonicator and autoclave
- Grant/proposal/ manuscript writing

Education



Columbia Engineering Boot Camps

Data Analytics Engineering Certificate, Data Analytics Engineering

2022 - 2022



Stony Brook University

Masters, Biomedical Engineering



Stony Brook University

Bachelors, Biomedical Engineering



Riverhead High School

High School Diploma

Skills

Python (Programming Language) • Pandas (Software) • PostgreSQL • Visual Basic for Applications (VBA) • Jupyter • HTML • Problem Solving • Teamwork • Microsoft Office • Google Drive