

SAMPSON BERLINSKI

BS/MS Environmental Chemistry

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📍 New York

🌐 <https://www.sberlinski.com/>

EDUCATION

Stony Brook University

M.S. Chemistry

📅 Aug 2021 – May 2022

📍 Stony Brook, NY

B.S. Chemistry

📅 Aug 2017 – May 2021

- Environmental Chemistry Concentration

EXPERIENCE

Institute of Gas Innovation and Technology

Research Intern

📅 June 2019 – Present

📍 Stony Brook, NY

- Performed scale-up and testing of waste-water treatment system using propane clathrate-hydrate pathway.
- Developed novel method for removing sulfur impurities from a methanol stream, through sonication with transition metal precursors.

Undergraduate Student Government

Assistant Treasurer

📅 August 2020 – Present

📍 Stony Brook University

- Work as part of a small team in managing and allocating an annual budget of over \$3 million.
- Pursued several independent projects in securing storage spaces for student organizations, automating budget work, and reworking student organization bank accounts system.

Stem Cell Engineering Project

Research Assistant

📅 January 2019 – February 2020

- Tested effects of shear stress of bioprinting on the structure, function, and survival of skin organotypics, including dermal and epidermal equivalents.
- Studied efficacy of embedding structures in collagen-based substrate to instigate dermal fibroblast proliferation.

Stony Brook University Writing Center

Tutor

📅 August 2018 – December 2019

- Developed a pedagogy for tutoring writers at a variety of different skill levels and disciplines.

RESPONSIBILITIES

Stony Brook Rowing

📅 August 2018 – August 2020

- Served as Treasurer for the 2018-19 and 2019-2020 academic years.
- Coordinated with student government and administration, local businesses, and other universities.
- Incorporated the team, established non-for-profit under New York State, as well as independent bank accounts, financial systems and records.

TECHNICAL SKILLS

Python

MatLab

LabView

Excel/Sheets

FT-IR

BSL2

GC

UV-vis

PROJECTS

Venmo Web-Scraping

- Developing a web-scraping program through Python to extract and organize Venmo transactions from web client.

The Path

- Blog staff for written analyses and essays for Andrzej Sapkowski's *The Witcher*.

Casual Fridays

- Cast for senior design project musical.

RhetComp

- Redesigned, wrote and edited for Writing Department's blog as part of independent study.