

David Bottenberg

Morrisville, NC 27560 • Bottenbergdave@gmail.com • 240-454-1294

Education

South Carolina State University (Orangeburg, SC)

Graduation May 2020

Bachelor of Science in Biology

Minor in Chemistry

Relevant Experience

University of North Carolina | Chapel Hill, NC | March 2023 - Current | Research/Lab Tech

- Responsible for the production of AAV viruses used in neuroscience research
- Oversee the shipment of viruses to research labs around the world.
- Responsible for managing and maintaining several databases for the lab.

South Carolina State University | Orangeburg, SC | May 2019 - May 2020 | Research Assistant

- Led and conducted research to identify the efficacy of ozone treatments on aflatoxin-contaminated farm food
- Responsible for data input and management to determine whether ozone treatments were effective
- Managed lab personnel and instructed them on their daily tasks

South Carolina State University | Orangeburg, SC | May 2018 - December 2018 | Research Assistant

- Collaborated with the Savannah River Site (Aiken, SC) to monitor the groundwater and soil contamination at CMP (chemical, metals, and pesticides) pits
- Responsible for data management on data collected from samples at the waste site
- Managed lab personnel
- Mentored and instructed students about proper technique
- Frequently conducted groundwork at the Savannah River site which consisted of collected samples of soil and river water

South Carolina State University | Orangeburg, SC | March 2018 - May 2018 | Research Assistant

- Led and conducted research experiments to extract plasticizers in PVC
- Managed lab personnel daily
- Performed daily maintenance on the lab environment

Skills and Key Strengths

- Leadership prowess to help effectively direct and manage diverse groups and teams
- Excellent oral and written communication capabilities
- Capacity to work in a variety of roles on a team to ensure success

David Bottenberg

Morrisville, NC 27560 • Bottenbergdave@gmail.com • 240-454-1294

- Efficient time management and organization
- Ability to grasp new concepts quickly
- Great problem solver and easily adaptable to the situation at hand
- Knowledgeable in programming languages including Python, Javascript, CSS, HTML
- Knowledgeable in managing relational databases using PostgreSQL
- Experience in creating/deploying full stack applications using PostgreSQL, Express, ReactJS, NodeJS, HTML, CSS, JSX, and EJS
- Proficient in Microsoft Office: Word, PowerPoint, Excel, Outlook, etc
- Basic research lab skills (DNA gels, pipetting, proper lab etiquette, cell culturing, bacterial growth)

Leadership

Captain of Men's Basketball Team

September 2019 - March 2020

- Mentored younger players on the qualities and characteristics to adopt as a member of the team

Honors College

August 2016 - May 2020

- Mentored students for academic and personal development
- Responsible for maintaining a high academic standing while also performing a certain amount of community service hours each semester

Awards

South Carolina State University (Orangeburg, SC)

- Dean's List
- Presidential James E. Clark Academic Excellence Award Recipient
- Graduated Summa Cum Laude