

# <Your Name>

Bridgewater, MA • <your email> • <phone> • <linkedin URL>

## EDUCATION

**Bridgewater State University**, Bridgewater, MA

May 2021

B. S. Chemistry, Biochemistry Concentration

**RELATED COURSES:** General Chemistry I & II (LAB), Organic Chemistry I & II (LAB), Quantitative Chemical Analysis (LAB), Inorganic Chemistry, Biochemistry I&II (LAB), Environmental Chemistry, General Biology I&II (LAB), Cell Biology (LAB), Genetics (LAB), Physics I&II (LAB)

## LABORATORY SKILLS

**Techniques:** Media Preparation, Buffer Preparation, Gel Electrophoresis, Extraction and Purification Western Blot, ELISA, Bacterial Cell Culture, Plasmid Isolation, Transformation, Bradford Assay, UV/vis Spectroscopy, IR Spectroscopy, Ultracentrifugation, PCR, HPLC

**Specialized software:** ChemDraw, PyMOL., and Chem3D

## SKILLS

**Computer:** Microsoft Word, Excel, PowerPoint, Outlook

**Languages:** Fluent in Portuguese, Cape-Verdean Creole, Intermediate in Spanish

## RESEARCH EXPERIENCE

**Bridgewater State University**, Bridgewater, MA

September 2019-Present

*Student Researcher*, Biology lab- Dr. Marintcheva

- Cloning of GENE 18.5 of bacteriophage T7 in *Escherichia coli*
- Amplify gene of interest by PCR gene amplification and clone in pET17b vector using a restriction enzyme-based cloning
- Run agarose electrophoresis gel after restriction digestion and observe gel on UV transilluminator to confirm gene of interest

*Student Researcher*, Chemistry lab- Dr. King

September 2019-January 2020

- Stained sliced fish gut samples with Nile red and observed the presence of micro-plastics under UV transilluminator, analyzed these sample of plastic fragments under the microscope

## WORK EXPERIENCE

**Signature Health Care**, Brockton, MA

June 2020-present

*Patient Observation Assistant*

- Provide constant observation for patients identified as a risk to themselves and other, by monitoring changes in behavior, assisting patients in events of a fall, and report changes to the responsible nurse

**C.A.S.E. CityLab**, Bridgewater State University, Bridgewater, MA

June 2019

*Summer Science Academy Student Assistant Instructor*

- Introduced a group of 20 high school students to real life laboratory experience through hands-on lab activities and case studies, techniques taught included DNA gel electrophoresis, cast DNA gels, buffer preparation and micro pipetting

## CERTIFICATIONS/ AWARD

- CPR&AED, American Heart Association
- Adrian Tinsley Program (ATP) Grants

June 2019-Present

September 2019-present