

# Guilherme Nadur Silva

[gsilva@css.edu](mailto:gsilva@css.edu) | (704) 671-8726

## EDUCATION

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The College of St. Scholastica (CSS), Duluth, MN

**Bachelor of Science in Biology**

December 2023

- Dean's List recipient 1 semester

Gardner-Webb University (GWU), Boiling Springs, NC

**Completed 71 credits toward Bachelor of Science in Biology**

August 2019 – December 2021

- GPA: 3.98/4.0
- Dean's List recipient 2 semesters
- Freshman Year One-Year Scholastic Award (2019-2020)

## LAB EXPERIENCE

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**Organic Chemistry I (GWU)**

- Performed distillations (fractional/simple), crystallization, recrystallization, sublimation, extraction, and melting point determination;  $R^2$  value, best fit equation, and slope ( $k$ ) analysis over experimental results using Microsoft Excel and Word Office.

**Anatomy & Physiology I (GWU)**

- Dissected sheep brain and eye; technically analyzed muscle, bone, nervous, sensorial systems models and tissues.

**Anatomy & Physiology II (GWU)**

- Dissected sheep heart and kidney; technically analyzed respiratory, circulatory, endocrine, and lymphatic systems models, and blood and endocrine tissues under the microscope. Also, performed blood test.

**Microbiology (GWU)**

- Inoculated media (nutrient and starch agar plates, fermentation tubes, catalase test, SIM tube, spirit blue plate, Mueller-Hinton plate), performed bacterial biochemical tests, applied medical microbiology on an epidemiology simulation, performed electrophoresis.

**Cell Biology (GWU)**

- Performed PCR-Test, agarose gel electrophoresis, SDS-PAGE, pipetting, cell stain, photosynthesis experiment, analyzed gene expression through DNA sequence and genetic code table analysis.

## RELEVANT EXPERIENCE

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**Teacher Assistant (GWU)**

- 2021 Spring (General Biology)
- 2021 Fall (Animal Behavior & Anatomy, Human Anatomy and General Biology)

## PROFESSIONAL AFFILIATIONS

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**Sigma Zeta** National Science and Mathematics Honor Society Membership.

## OTHER EXPERIENCE

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Worked at the maintenance of Gardner-Webb University (June-July 2021).

Worked at CSS Careers Service Office as Office Assistant (since January 2022).