

Joseph Fossa

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Education

Grove City College, *B.S. in Biology Health* (Tentative Graduation May 2028) | Marine Academy of Technology and Environmental Science (Graduated June 2024) | GPA: 3.91 | Previous Coursework Dual Enrolled with Stockton University: 38 credits

Research Experience

MATES 2024 Independent Research Project (250+ hours)

Title: “*Effects of Salinity on Malaclemys terrapin terrapin Growth and Metabolism*”

MATES 2022 Independent Research Project (230+ hours)

Title: “*A Comparison of Soil Infiltration Rates Among Different Ocean County and Monmouth County Watersheds*”

MATES 2021 Independent Research Project (200+ hours)

Title: “*Comparing Results of a Top Hearing App to a Professional Audiometer*”

Lab Experience

Chemistry I & Chemistry II Labs (2024-present)

- Practices laboratory safety with chemicals, fire, and glassware, while working effectively with others.
- Authors detailed reports about the procedure, findings, and implications of each lab.

Work Experience

River Lady Cruises, Toms River, New Jersey, Dishwasher & Waiter (2021-present)

- Waits on tables by preparing food, serving food, and cleaning tables.
- Addresses customers’ needs with their food and direction, and engages with customers in a friendly manner while washing dishes, organizing kitchen, and cleaning after cruises.

Shore Brake Cyclery, Long Beach Island, New Jersey, Mechanic (2023-2024)

- Answered customer calls to place orders and deliver bikes to homes on LBI.
- Built new bikes for sale, repaired customer bikes, and cleaned rentals for vacationers.

Leadership Experience

Student Government Association, Freshmen Class President (2024-present)

- Directs campus-wide events, delegates money to groups with monetary requests, oversees other SGA freshmen committee branches, and hosts events with the Presidents Committee.

Research Assistance and Development, Leader/Mentor (2022-2024)

- Assisted younger students with their research projects for the Stockton University Science Fair.

New Jersey Academy of Science, Research Proctor (2022-2023)

- Monitored online breakout rooms and individual presentations for NJAS research symposium.

Extra-Curricular Activity (2024-present)

- *Student Government Association*: Represent concerns and goals of student body to school administration.
- *GCC Gameday Committee*: Design posters for games, post on Instagram, and rally GCC student section.
- *GCC Pre-Health Society*: Attend monthly events, outreach sessions, and research presentations.
- *Shadowing Opportunities*: Shadows dental professionals at Kampas Orthodontics & Smiles by Dr. Santos.
- *Christian Medical & Dental Associations*: Attend meetings to discuss current on-campus research updates.

Accolades and Awards

1. *Grove City College Alumni Merit Reward Scholarship* (2024-present)
2. *Marine Academy of Technology and Environmental Science Administrator’s Award* (2024).
3. *1st Place, Jersey Shore Science Fair; 2nd Place & Certificate of Outstanding Achievement* from the *American Meteorological Society, Delaware Valley Science Fair* (ESS Category, 2022).
4. *2nd Place, Jersey Shore Science Fair; Honorable Mention, Delaware Valley Science Fair* (ANIM Category, 2024).