

Jesse Maun

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SUMMARY

Former Dental Student pursuing a new career in Web Development. Self-driven and determined to learn and apply new technologies.

EDUCATION

Pursuing a Certificate of Completion in Web Development

UCF Coding Boot Camp, Trilogy/UCF online, March 2022 - Current

- JavaScript, HTML and CSS
- Proficiency in React, express.js, Node.js, React-Native, bootstrap, tailwinds, my-SQL, sequilize, dBeaver

Rev-Up Program Pre-employment Training

Revature, Dec. 2021 – Jan. 2022

- Introduction to Programming, Java Fundamentals, and Object-Oriented Programming
- Data Structures, Collections and Exception Handling

Attended Graduate School in Dental Medicine

Lake Erie College of Osteopathic Medicine (LECOM), Bradenton, FL, June 2021 – Nov. 2021

- Completed Courses in Histology, Pathology, Gross Anatomy, Physiology, Embryology, Periodontology, and Dental Anatomy

Bachelor of Science

Biology, Florida Southern College, Lakeland FL, May 2021

- Summa cum laude graduate
- Minor in Chemistry
- President's List Honoree Fall 2017, Spring 2018, Fall 2018, Spring 2019, Spring 2020, Fall 2020, & Spring 2021

WORK EXPERIENCE

Physical Therapy Technician, Agility Physical Therapy & Sports Performance, Venice, FL, Dec. 2021 – March 2022

- Assisted Physical Therapists and Physical Therapist Assistants in the rehabilitation of patients in the following ways:
 - Greeted and prepared patients for treatment
 - Cleaned equipment and treatment areas between sessions
 - Provided hot and cold packs for patients as needed
 - Organized and stocked supplies

Senior Research Student, Florida Southern College, Lakeland, FL, Dec 2019 – May 2020

- Collected soil samples from a variety of unique locations from the Big Island of Hawaii with the goal of discovering novel antibiotic-producing bacteria
- Cultured bacteria from the soil, screened colonies of interest for sequencing, and analyzed sequences using BLAST and EZBioCloud
- Completed a research proposal for our original project, titled: *Isolation and Characterization of Antibiotic Soil Bacteria from the Big Island of Hawaii*
- Due to COVID-19, this project was modified in the following way to be completed virtually:
 - Analyzed secondary metabolite biosynthesis gene clusters present in the genomes of the most closely related species using PATRIC and antiSMASH to identify the antimicrobial potential of our isolates
- Constructed a poster and drafted a manuscript of our modified project, titled: *A Genetic Analysis of the Potential Antimicrobial Compounds Produced by Soil Bacteria from the Big Island of Hawaii*

Summer Research Student, Florida Southern College, Lakeland, FL, June 2019 – Oct. 2020

- Collaborated with Marine Mammals Pathobiology Laboratory in St. Petersburg, FL to collect tissue samples from the stomachs of deceased manatees
- Performed whole genomic DNA extraction for metagenomic sequencing of the microbiome
- Analyzed genus species data and compared the diversity present in the greater and lesser stomach regions
- Constructed a poster of our project, titled: *An Analysis of the Stomach Tissue Microbiome within Florida Manatees Trichechus manatus latirostris*
- Awarded a travel grant to present our project at the 2019 Annual Meeting of Florida American Society for Microbiology, where we placed Second in the Undergraduate Poster Division

Biology Laboratory Teaching Assistant, Florida Southern College, Lakeland, FL, Jan. 2019 – Dec. 2019

- Assisted Biology professor in 2 sections of Biology I and Biology II laboratory classes
- Prepared materials and equipment for each lab before student arrival
- Answered student questions and assisted with equipment as needed

Biology Laboratory Assistant, Florida Southern College, Lakeland, FL, May 2018 – Dec. 2018

- During the summer, responsible for preparation of biology laboratories for the upcoming fall semester, including:
 - Organization of bacterial cultures
 - Construction of storage cabinets for lab materials
 - Completion of safety checks of all lab equipment
- During the Fall semester, responsible for preparation of agar plates and solutions as needed

ACTIVITIES

- President, Sandwich Ministries, Florida Southern College, Oct. 2018 – Jan. 2021
- Member, Beta Beta Beta Biological Honor Society, Florida Southern College, Nov. 2018 – May 2021
- Volunteer Tutor, Parker Street Ministries, Lakeland, FL, Jan. 2021 – May 2021