DYLAN SEBASTIAN OSTOLAZA

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EDUCATION

Florida Institute of Technology, Melbourne, FL   August 2024 - May 2027
  Bachelor of Science, Major in Computer Science, Minor in Computational Mathematics
New Jersey Institute of Technology, Newark, NJ   Sept 2022 - May 2024
  Bachelor of Science, Major in Computer Science

PROJECTS

Olympic Athlete Data Analysis | Python, Pandas, Seaborn   June 2025
- Performed exploratory data analysis on over 100 years of Olympic athlete data using Pandas, Matplotlib, and Seaborn.
- Merged and cleaned datasets to analyze trends in athlete age, gender participation, and medal distribution across countries.

CRM Application | Django, Python, MySQL   February 2025
- Developed a full-stack CRM application enabling users to register, log in, and manage customer records with CRUD functionality.
- Implemented role-based access control and session management to enhance application security and enforce user permissions.

Swim Time Calculator | Java   December 2024
- Designed a Java-based calculator that computes race splits based on user-defined goal times, supporting customizable event distances, and strokes
- Developed an interactive GUI for the calculator using Java, featuring buttons, dropdown menus, and images to enhance user experience.

Personal Portfolio | HTML, CSS, JavaScript   December 2024
- Designed a personal portfolio website showcasing projects, and experiences with a responsive and interactive design.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Division I Swimming   Fall 2022 - Spring 2024
- Qualified for CSCAA National Invitational Championship
- School Record Holder and American East Championship Finalist
- Varsity Scholarship 20 Hours/ Week

Pi Kappa Phi Fraternity   Spring 2023 - Spring 2024
- Member of Recruitment and Alumni Engagement Committees
- Treasury Board / Rush Board

The Ability Experience   Spring 2023 - Spring 2024
- Fraternity philanthropy to help make the world accessible for those who have disabilities

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, JavaScript
Technologies & Frameworks: Django, HTML, CSS
Libraries: Pandas, NumPy, Matplotlib, Seaborn
Developer Tools: Git, VS Code, Jupyter
Time Management: Able to balance training schedule with academic responsibilities.