DANI DITOMASSO (they/them)

INFORMATION TECHNOLOGY AND WEB SCIENCE

ditomd@rpi.edu

(516) 424-3550

Troy, New York

OBJECTIVE

An undergraduate Information Technology and Web Science major currently seeking an internship for the Summer of 2024 in the areas of project management or UX / UI design.

EDUCATION

RENSSELAER POLYTECHNIC INSTITUTE   2020 – Present

- Bachelor's degree in Information Technology and Web Science (Graduation May 2024)
- Planned Master's degree in Information Technology and Web Science (Graduation May 2025)
- Concentration in Electronic Arts
- Deans Honor's List (2022)

EXPERIENCE

LET'S PLAY SPORTS! | RPI   Present

- Collaborated with 4CTechnologies to create an application that promotes youth sports tournaments in Western Pennsylvania.
- Experience working with Gantter in the area of Project Management, creating a Cross–Benefit Analysis, and Risk Management Analysis in regard to project longevity.

VELOCITY OF WIND AND SURFACE TEMPATURE | RPI   Janurary – May 2023

- Collaborated with NASA to create an application that displayed data from satellites across the United States in both 2 and 3 dimensional graphs.
- Developed educational resources focused on global warming and renewable energy to teach youth the importance of NASA's data.
- Organized group meetings and deadlines, produced group reports and presentations, and developed application user interface.

ASSISTANT RESEARCHER | NYU TANDON SCHOOL OF ENGINEERING   June – August 2019

- Constructed a research paper for a biotech company assessing the importance of STEM education in secondary schools.
- Collected and analyzed data in low–income districts for over 50 students and 10 teachers.
- Utilized data outcomes to determine and document effective teaching styles.

LEADERSHIP

ITWS STUDENT LEADERSHIP BOARD | REPRESENTATIVE & PRESDIENT   2021 – Present

- Liaison between undergraduate students and faculty to facilitate better communication.
- Organization of board meetings by splitting of work between roles and fostering collaboration.

RPI QUADBALL | VICE PRESIDENT & PRESDIENT   2021 – Present

- Use of Concur finances, club budgeting, and directing of regional tournaments.
- Planning of team practices, player support, and team bonding events.

THE NATIONAL SOCIETY OF LEADERSHIP AND SUCCESS | RPI   2022 – Present

RESIDENT ASSISTANT OF DIVERSITY HOUSING (PRIDE) | RPI   Present

SKILLS

TECHNICAL

- Python, JavaScript, Java, C, C++ and R
- HTML, CSS, Bootstrap, Node.js, Express.js
- MySQL and MongoDB database knowledge
- Experience in GitHub organizations and Microsoft Azure
- Adobe Premiere Pro, DaVinci Resolve 18

SOFT

- Leadership
- Collaboration
- Public speaking and Communication
- Financial Literacy