

John Michael Racy

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## EDUCATION

2022-PRESENT

UNIVERSITY OF WASHINGTON

GPA: 3.53

2018-2021

BASIS ORO VALEY HIGH SCHOOL

GPA: 3.86 TBU

## EXPERIENCE

Fall 2022

- **Joined The Illimited Lab:** In the UW aeronautics and astronautics department, researching dynamic structures in stingray wings

Spring 2022

- **Creative Writing in Rome – Sacking Rome:** UW Study abroad program on poetry, creative writing, scientific writing, and history in Rome.

Winter 2022

- **Working at the Interuniversity Institute of Marine Science in Eilat, Israel:** Working with the Holzmann lab, and doing research SCUBA diving.

Fall 2021

- **Poster Presentation for the Society of Integrative and Comparative Biology:** On how generative design can offer insight into biological structural regimes.
- **FHL 470-Imaging Biology: Techniques Technology and Tools:** On techniques of biological imaging and composing scientific images.

Summer 2021

- **Research Intern at University of Washington Friday Harbor Labs:** Assisted postgrad students with various projects.
- **Attended the 2021 Joint Meeting of Ichthyologists and Herpetologists:** To watch a presentation of coauthored work.

Summer 2020

- **Assistant Teaching Fellow, University of Washington Friday Harbor Labs:** Assistant Teaching Fellow to graduate ichthyology research course.

Summer 2018

- **Internship, University of Washington Friday Harbor Labs:** CT scan segmentation and 3D modeling with the Comparative Biomechanics Lab

## SKILLS

Fusion 360 CAD and Generative Design, CT Scan Segmentation, Scanning Electron Microscopy, Paraffin Histology, 3D printing, Materials testing, Metalworking and general shop skills, Soldering, Spanish Fluency, SCUBA

## ACTIVITIES

SCUBA diving since 2014, currently a PADI Master Scuba Diver. Auto racing.