

Tyler Padua

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EXPERIENCE

Applied Earthworks INC, San Luis Obispo, CA — GIS Intern

January 2023- March 2023

Best Brains, San Jose, CA — Tutor

September 2020 - August 2021

Evergreen Valley College , San Jose, CA — Aspire Program Tutor

August 2019 - May 2020

EDUCATION

UCSB, Santa Barbara, CA — BA Geography with Emphasis in Geographic Information Systems

September 2020 - June 2023

Evergreen Valley College, San Jose, CA — Intersegmental General Education Transfer Curriculum

September 2015 - May 2020

SKILLS

- Effective Communicator and Public Speaker
- Leadership and People Development
- Microsoft Office
 - Excel, Powerpoint, Word
- GIS Software and Technology
 - ArcGIS Pro
 - Georeferencing, Digitizing, Geodatabase Creation, Model Builder, Suitability Modeler, Network Analysis, Classification, cartography and map design
 - Python
 - R
 - QGIS
 - Supervised Classification, Write Function Memory Insertion, Time Series Analysis, LiDAR
- Webpage development
- Data collection and analysis
- Spatial database management

AWARDS AND HONORS

Outstanding Achievement in the Geography Major | June 2023

- Awarded to students graduating with a grade point average of 3.5 or higher

Dean's Honors | Fall 2022, Winter 2023, Spring 2023

- Awarded to students who earn a grade point average of 3.75 or higher for the quarter

PROJECTS

Assessing the Impacts of Cyclone Amphan in the Sundarbans Biosphere Reserve: A Study on Mangroves' Extent, Flooding, and NDVI | March 2023 - June 2023

- Investigated the resilience of mangrove systems under the stress of a cyclone using remote sensing techniques

Developing a Project Website | July 2022 - Present

- Using .Rmd files in R, created web pages containing relevant GIS projects and hosted them on GitHub