

Ian Matsumoto

DATA ANALYST

CONTACT



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EDUCATION

University of Redlands

2015 - 2019

Major:

Envoronmental Science

GIS

Minor:

Mathematics

SKILLS

Technologies:

GIS based systems

Git

Lidar and remote sensing

Languages:

Python

Java

Some JavaScript

Professional:

Project management and QA

processing

New hire training

Workflow coordination

Technical writing

EXPERIENCE

Data Annotation Specialist

Tesla | 10/2020 - present

Assist in the training and development of Tesla autopilot ai through the use of GIS and data labeling

- Use the Tesla autopilot labeling interface to identify areas critical to training the neural network
- Collaborate with computer vision engineers to help improve the design of efficient labelling interfaces
- Serve as a critical asset to the QA team and learned about the general workflow to QA process. Identify and resolve Quality Assurance workflow issues and improvement initiatives.
- Drive teams to improve processes, explicate data and yield meaningful metrics.
- Direct daily feedback reporting for engineering, project management, and leadership teams.
- Leverage industry knowledge to ensure sound decision-making for complex edge cases.

GIS Analyst

Apple via Apex Systems | 07/2019 - 09/2020

Used GIS software to mark construction projects that would affect routing or address changes in Apple Maps

- Conduct web research on construction projects and track their progress through Apple's GIS software
- Monitor traffic and pedestrian density on maps to identify areas of potential construction
- Update Apple maps and record all projects of different priorities across multiple timelines
- Communicate and collaborate with city/county officials, private companies and peers regarding new projects

GIS Volunteer Work

Mamoni Valley Preserve | 05/2018 - 06/2018

Collaboration project between the University of Redlands and Mamoni Vallye Preserve to map the valley with GIS

- Used data from drone imagery through lidar and gps points to render a 4D map of the La Bonita Watershed and record changes from previous years.
- Mapped land cover data through drone imagery and overlayed it with the 4D elevation map to extract data about soil degregation and weathering in the watershed.
- Effectively communicated with a total of three teams from diverse backgrounds to gather data, digitize it through ArcGIS, and present it to a key stake holde of the Mamoni Valley Preserve