




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
- 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.

Freelance Web Developer

2/2021 - present

Self-taught programmer specializing in website development using Wordpress and Shopify.

- Create websites for clients using html, css and javascript
- Work with hosting platforms, content management systems and APIs

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

- 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.
- Gathered data of the estimated carbon sequestration from Mamoni Valley by averaging data from tree height, width and population density. Data was then put into a GIS map and analyzed.