Audrey Jo

408-462-2161   Sunnyvale, CA   audreyjo35@gmail.com
linkedin.com/in/audreyjo35   audrey35.github.io

SUMMARY

A GIS programmer who blends academic training in geography and web development with work experience in automating geoprocessing tasks using Python to offer solid skills in geospatial analyses, automation, and front-end web development.

Work authorization – authorized to work in the US for any employer

TECHNICAL SKILLS

2 years of work experience: ArcGIS, Python, ENVI, Erdas Imagine, geospatial analysis, remote sensing, classification

WORK/VOLUNTEER EXPERIENCE

Graduate research assistant – Long Beach, CA   Jan. 2014 – Oct. 2015
- Creating geoprocessing task automation scripts using Python
- Creating and analyzing maps using datasets with different spatial and temporal resolutions
- Presenting at the Association of American Geographers Annual Meeting for 2015

Cartographic research assistant – Chapel Hill, NC   Aug., 2013 – Dec., 2013
- Writing Python script to join csv files to an attribute table for a shapefile

GIS research intern – Long Beach, CA   Jun., 2013
- Classifying vegetation using object-based image analysis method (eCognition)
- Building 3D model of study area using quadcopter photos (PhotoScan)

Front-end development volunteer – Sunnyvale, CA   Jul., 2016 – Present
- Updating web page content or create new web pages using HTML and CSS

Python mentor volunteer – Saratoga, CA   Jul., 2016 – Present
- Helping elementary school students with their Python projects

EDUCATION

Front-end development certificate – Free Code Camp   Jun., 2016 - Present
- Creating a tribute page and a portfolio site using HTML and CSS in CodePen

Master of Arts in Geography – California State University, Long Beach   Jan., 2014 – Jan., 2016
- Introductory course in Java

Bachelor of Arts in Geography – University of North Carolina, Chapel Hill Aug., 2010 – Dec., 2013
- Introductory courses in Python, VB.NET, and Matlab

PUBLICATION

Laris, P., Caillault, S., Dadashi, S., and Jo, A. (2015) The Human Ecology and Geography of Burning in an Unstable Savanna Environment. Journal of Ethnobiology, 35 (1): 111–139.