

Whitney K. Anderson-Newcomb

GIS Analyst & Cartographer Dublin, CA 94568 (760) 819-2680 WhitneyKNewcomb@gmail.com

Education:

B.S. Environmental Science with a concentration in **Geospatial Analysis** May 2017
Cal Poly Humboldt (formerly Humboldt State University (HSU)), Arcata CA Summa Cum Laude

Work Experience:

Sr. GIS Cartographer & IT Assistant May 2018 – February 2023
Lettis Consultants International, Inc. Concord, CA
Provided GIS and IT support to geologists, seismologists, and engineers for a variety of geotechnical and seismic hazard projects, pertaining to critical hydrology infrastructure, nuclear infrastructure, seismic hazard analysis and landslide studies. Duties included capturing and processing UAV imagery, creating maps for field work, digitizing and synthesizing field data and historical and modern engineering drawings into finished cartographic products as both 2D and 3D visualizations, performing a variety of raster and vector spatial analysis, and managing data for multiple projects simultaneously.

GIS Technician April 2018 – May 2018
City of Concord GIS Department Concord, CA
Updated the city's address database within the Local Government Information Model SDE geodatabase in preparation for the for the 2020 Census to include addresses for all high-density residential areas within the city.

GIS Intern August 2017 – March 2018
City of Walnut Creek GIS Department Walnut Creek, CA
Updated and maintained the city's Master Address Database by processing new address paperwork, by identifying and resolving addresses with errors. Created an informational poster sized map for the City Manager. Created a web application for the city's public art through ESRI's Web App Builder Interface. Gained project management skills by utilizing Six Sigma practices in team work oriented projects.

GIS Assistant (Internship) December 2016 – May 2017
City of Eureka Planning Department Eureka, CA
Provided GIS technical support for determining Eureka's potential infill of vacant residential and commercial lots within the city. Used Sketch Up to create potential site plans for vacant lots. Analyzed land and improvement values with housing price trends to find underutilized parcels for the city's updated General Plan. Met weekly with City Planner to assess work and determine goals.

Geospatial Tutor (Instructional Student Assistant) August 2016 – May 2017
HSU's Natural Resources Department Arcata, CA
Assisted students during scheduled open lab times in the GIS/remote sensing labs with various geospatial course work that included GIS lab assignments and projects, remote sensing lab assignments and projects, python geospatial programming, geospatial web development, and mobile mapping techniques. Provided problem-solving techniques to students requesting help.

Intern Biologist (Internship) Summer 2014 & 2015
Ultrasystems Environmental Inc. Irvine, CA
Responsibilities included: organization, editing, and creation of databases for project descriptions, acted as a receptionist, involved in staff meetings, ordered, restocked, and organized office supplies, and managed employee time sheets. Gained rudimentary knowledge of CEQA and NEPA compliance. Assisted with the creation and delivery of proposals, assisted archaeologists, biologists, GIS analysts, and engineers to complete tasks.

Whitney K. Anderson-Newcomb

GIS Analyst & Cartographer Dublin, CA 94568 (760) 819-2680 WhitneyKNewcomb@gmail.com

Skills and Abilities:

Software Experience:

Arc Pro (3 years), ArcMap 10.2-10.8 (8 years), Global Mapper (4 years) ArcGIS Online, Web AppBuilder, Arc Collector, Fieldmaps, ArcScene, QGIS, ENVI
Microsoft Office Suite (Excel, Word, PowerPoint), Illustrator, Photoshop, Adobe Acrobat, Dreamweaver
Google Products (Google Earth Pro, Sketch Up Pro, Docs, Sheets, Slides, Drive)
Trimble TeraSync, GSP Pathfinder Office, Garmin Express, Mission Planner, DJI Go, Pix4D

Hardware Experience:

GPS Devices: Trimble, Garmin
DJI Phantom 4 Pro
Windows PC/MAC & iOS

Programming experience:

Python (1.5 year)
HTML5, JavaScript, CSS (1.5 year)
GeoJSON (1 year)
Leaflet (1 year)
SQL (familiar)

Other:

FAA Remote Pilot Certificate (Part 107) (2.5 years)
UAV/S data collection and processing
Cartographic design for print and web
QAQC procedures
Valid California Driver's License

Qualities:

Strong team player
Independent worker
Verbal and written communication
Excellent organization skills
Critical thinking/problem solving
Time management
Adaptive
Troubleshooting ability
High initiative/self-motivated
Strong attention to detail
Creative
Innovative

References:

James Graham, PhD

Environmental Science and Mgmt Dep't
Humboldt State University
Arcata, CA 95521
(707) 826-3823
James.graham@humboldt.edu

Betsy Lindsay

President/CEO
Ultrasystems Environmental Inc.
Irvine, CA 92618
(949) 274-3935
Blindsay@ultrasystems.com

Phil Beilin

GIS Coordinator
City of Walnut Creek
Walnut Creek, CA 94596
(925)256-3544
pbeilin@walnut-creek.org

* For examples of my cartography please visit my portfolio website at
<https://wnewcomb.github.io/MyPortfolio/index.html>