

CHRISTOPHER CHOI

Email: thchrischoi@berkeley.edu

EDUCATION

University of California, Berkeley

Aug 2018 – May 2020

B.A. in Physical Geography, Minor in Geospatial Information Science and Technologies

GPA: 3.6

El Camino College

Jan 2016 – May 2018

- Associates in Arts: Biology & Physical Science, With Honors
- Associates in Science: Geography, With Honors
- Awards: Dean's List, Geography Merit Award

GPA: 4.0

RELEVANT COURSES

- | | |
|--|---------------------------------|
| • Photogrammetry and Remote Sensing | UC Berkeley – Spring 2020 |
| • Field Methods for Physical Geography | UC Berkeley – Spring 2020 |
| • Geographic Information Systems | UC Berkeley – Fall 2019 |
| • Field Geology and Digital Mapping | UC Berkeley – Spring 2019 |
| • Cartographic Representation | UC Berkeley – Fall 2018 |
| • Introduction to GIS | El Camino College – Spring 2018 |

PROFESSIONAL EXPERIENCE

UC Berkeley Geography Department

Berkeley, CA

Field Methods for Physical Geography Coursework

Jan 2020 – May 2020

- Conducted research on salt marsh vegetation zones in Morro Bay, CA to study the effects of sea level rise (SLR).
- Used a combination of GIS and remote sensing data, including visible and infrared imagery from Landsat-8 and Sentinel-2 for vegetative analysis, LIDAR for topographic analysis, and TIN modelling to project the effects of SLR.
- Wrote an extensive research paper and delivered a 15-minute accompanying scientific presentation

UC Berkeley Environmental Science, Policy, Management Department

Berkeley, CA

Mapping Research Assistant

Sep 2019 – Dec 2019

- Mapped “Human-Carnivore Conflict and Carnivore Movement in Rift Valley, Kenya” within The Brashare’s Lab
- Digitized and georeferenced physical maps that were annotated during field interviews in Kenya
- Aggregated geospatial data, created shapefiles, and performed metadata analytics on the digitized maps
- Analyzed camera trap imagery to study 25+ wildlife species and their behavioral habits within the research area

Chan Wong Suk Fong Memorial Secondary School

Cheung Sha, China

English Learning Program Teacher

Aug 2016

- Taught a class of 30 students from Hong Kong on a weeklong cultural field trip to Cheung Sha, China
- Implemented English learning tasks throughout students’ program, which involved speaking and essay writing

GreenPeace 100

Hong Kong

Head of Teaching

Dec 2015 – Feb 2016

- Designed and held environmentally focused workshops that engaged the general public in hands-on projects
- Instructed classes of 30+ secondary students on tailored environmental workshops, activities, and in-class lectures
- Led day-long field trips, which involved hiking and other outdoor activities to build students’ outdoors awareness

EXTRACURRICULARS/LEADERSHIP ACTIVITIES

UC Berkeley Cal Day

Berkeley, CA

Ambassador for the Geography Department

February 2019

- Spoke to 300+ visiting high school students to provide information and details regarding the geography major at UC Berkeley. Explained the importance of multidisciplinary learning and the main learning objectives in geography

SKILLS AND INTERESTS

Skills: Professional Proficient – ArcGIS, ArcPro, QGIS, Microsoft Office; Entry Level – Python, MATLAB, Javascript, HTML, CSS, Leaflet.JS, ENVI | Native – English, Cantonese; Proficient – Mandarin