

Justin Culman

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EDUCATION

University of Oregon

Sept. 26th, 2013 – June 19th, 2017

- Bachelor of Science in Environmental Science and Geography with an emphasis in Ecology, GIS, and Cartography, receiving departmental honors in both majors with qualifying GPA and honors thesis

CU Denver Graduate School

August 20th, 2018 – June 2020

- Pursuing a Master of Arts in Applied Geography and Geospatial Sciences Non-Thesis and GIS Certificate

EXPERIENCE

Encompass Energy Services, LLC

March 25th, 2018 – Present

GIS Analyst

- Conducted mapping field surveys of infrastructures in Louisiana for high consequence areas adhering to Federal and State safety regulations implementing ArcGIS Collector, ArcGIS Pro, and Trimble GPS units
- Working between ArcGIS Desktop and AutoCAD Civil 3D on various GIS analysis consulting projects, updating parcel and land ownership maps, and creating professional cartographic maps for contractors
- Implemented Python programming scripts for automation of weekly deliverable GIS data analysis

University of Colorado Denver GES Department

January 22nd, 2019 – Present

Teaching Assistant

- Assisting with Cartography and Computer Mapping course as graduate teaching assistant, helping students with exercises, in class labs, and answering questions or concerns with any aspects of the course
- Developing and teaching lectures on web cartography and Adobe Illustrator to class of 27 collegiate students

Infographics Lab

Sept. 15th, 2016 – Sept. 20th, 2017

Cartographic Researcher

- Helped construct *Wild Migrations: Atlas of Wyoming's Ungulates* published in 2018, analyzing GPS collar data and cartographic principles for creation of maps, graphics, and tables throughout the atlas
- Utilized ESRI ArcGIS Suite, Illustrator, Photoshop, and InDesign to edit designs on over 50 pages

University of Oregon Environmental Studies Department

April 13th, 2014 – Sept. 20th, 2017

Student Adviser and Office Assistant

- Advised over 800 students on course planning, career paths, study abroad opportunities, and internships in detail to ensure completion of courses to graduate on time, utilizing excellent skills in the Microsoft Office Suite
- Collaborated with over 80 faculty, graduate students, and staff to effectively complete office department tasks

AWARDS, CERTIFICATES, PUBLICATIONS, AND PRESENTATIONS

PADI Dive Master's

Sept. 26th, 2016 – July 20th, 2017

- Assisted instructors in confined and open water procedures to help students achieve an open water certification

Undergraduate Honors Thesis

June 23rd, 2016 – June 19th, 2017

- Completed scientific written thesis, oral presentation, and poster investigating changes in stony coral morphology area coverage through large-scale imagery, spatial analysis with QGIS, and percent area cover statistical analysis

Bill Loy Excellence in Cartography Award

June 15th, 2017

- Recipient of honorable mention and cash prize for undergraduate honors thesis scientific poster

GIS Colorado Graduate Scholarship

- Recipient of scholarship award for submittal of research paper adapted from undergraduate honors thesis, letters of recommendation, and successful application

Scientific Poster Presentations:

June 29th, 2018

- Presented at professional conferences for varying research projects: Society of Ecological Restoration (April 2016), Undergraduate Research Symposium (June 2016 and 2017), Joint Campus Conference (June 2017), and GIS in the Rockies (September 2018)

SKILLS

- Advance knowledge of ESRI ArcMap 10.3+ (4 years), ArcGIS Online, ArcCatalog, Adobe Illustrator, Adobe InDesign, Google Suite, Microsoft Office Suite (PowerPoint, Word, Excel, Access, Outlook), Google Earth
- Proficiency in ArcGIS Collector, QGIS, Trimble GPS units, Adobe Photoshop, and AutoCAD Civil 3D