

Nasa Starr

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EARTH SCIENCE & SUSTAINABILITY PROFILE

I seek to make GIS understandable and applicable to people in order to improve the environmental outlook on the Earth. I am applying to the NASA Develop Program to engage in model development and research supporting earth science education and outreach. It is my intent to gain experience in scientific communication and strengthen my GIS experience to contribute to the wellbeing of the Earth. My core competencies include:

- Flexible and reliable team player with professional interest in GIS and scientific communication
- Life-long Coloradoan with familiarity of surrounding ecosystems
- Strong listener with the creative ability to carry through on projects and contribute to innovation
- Project Learning Tree certified to teach diverse age groups scientific information

EDUCATION

Colorado State University, Fort Collins, CO

May 2015

Bachelor of Science, **Ecosystem Science and Sustainability**

GPA: 3.25

Minor: Spatial Information Management

GIS, TECHNOLOGY & PROBLEM SOLVING EXPERIENCE

Jeppesen, a Boeing Company - Englewood, Colorado

Navigation Information Analyst Intern

Summer 2014

- Work with ArcGIS 10 to identify obstacles and update airport databases
- Analyze source documents to identify changes
- Process customer requests to provide emergency engine out procedures

CSU Warner College of Natural Resources PC Lab - Fort Collins, Colorado

Laptop Checkout Attendant and Technology Manager

Fall 2012 - present

- Checkout laptops, basic office supplies, and HDMI and VGA cables
- Perform bi-weekly updates on laptops and troubleshoot malfunctions
- Ensure printers and classroom devices are working and assist professors with their use

EARTH SCIENCE & SUSTAINABILITY COURSEWORK

Animals and Plants-Biology of Organisms, LIFE 103

- Identify various plant species and the structural/functional characteristics of animals

Physical Geography and Foundations in Ecosystem Science, ESS 210/211

- Understand topography features and how they apply to the Western states

Biostatistics, STAT 307

- Projects on confidence intervals, hypothesis testing, correlation and regression, and variance

SUSTAINABILITY ACTIVITIES

Colorado State University Nitrogen Footprint Project

2015

- Collaborate with students and faculty to begin collecting transportation data

Ecosystem Science and Sustainability Student Club

- Organized field trips to businesses implementing sustainability practices

2014 - present