

ECOdgers

Project: *Colorado Plateau Cooperative Ecosystem Studies Unit (CPCESU) Project Management System*

Team Inventory

Overview: The purpose of this team inventory document is to briefly introduce the members of our team. The following pages succinctly outline the training, skills, and relevant experiences of each team member.

Team Members:

Colton Nunley
Joseph Remy, Jr.
Jasque Saydyk

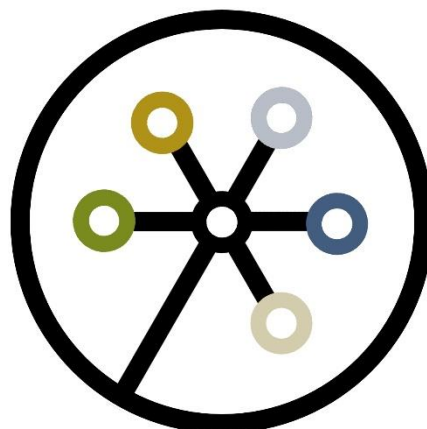
Northern Arizona University
School of Informatics, Computing, and Cyber Systems

Clients:

Dr. Todd Chaudhry
Laurie Thom

Cooperative Ecosystems Studies Unit
Colorado Plateau

September 23, 2018



ECOdgers



EDUCATION

Northern Arizona University (NAU)

Arizona State University

Mesa Community College

Red Mountain High School

EXPERIENCE

Rental System – NAU Outdoor Adventures

- Designed both the back-end database and front-end user interface for a rental system that tracks different equipment for the duration of the rental process

Web Development – CS 212

- Learned about the foundation of web development

Many Personal Projects using Web 2.0 Frameworks

- Utilized Django framework over the past few years to create personal projects
- Expanded my knowledge of web development
- Explored new techniques and principles of web design

Trip Leader and Outdoor Guide – NAU Outdoor Adventures

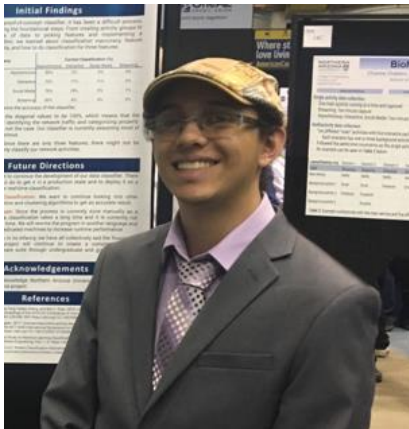
- Led numerous white-water rafting and backpacking trips in the Grand Canyon
- Applied risk management strategies during expeditions
- Organized other guides and participants to make successful and enjoyable outing

SKILLS

PYTHON	Fluent	Multiple college classes and projects
C	Fluent	Multiple college classes
JAVA	Some Knowledge	Some college classes
SQL	Some Knowledge	Some college classes
C++	Some Knowledge	One college class
DJANGO	Some knowledge	Personal projects

OTHER INTERESTS

Like I stated above, I am an Outdoor Guide at NAU Outdoor Adventures. I am also a current private pilot working towards my instrument rating. I absolutely love rock climbing, mountain biking, and river rafting. But by far the brightest accolade that I am the proudest of is my academic career as a Computer Science major at NAU.



EDUCATION

Northern Arizona University (NAU)

- CS 212 – Web Development
- CS 249 – Data Structures
- CS 345 – Databases

Yavapai College (YC)

- Fun fact: Graduated from YC before SRRHS

Sedona Red Rock High School (SRRHS)

EXPERIENCE

Computation Summer Student Intern – Lawrence Livermore National Lab. (LLNL)

- Created online mapping capability for the Environmental Restoration Department
- Implemented Esri software with custom CSS, HTML, and JavaScript inside Django project
- Applied agile software development to complete project on time

Undergraduate Student Researcher – Northern Arizona University

- Started work on a network classification algorithm for frontier networks

Freelance Web Developer – Studio 5 USA

- Translated sketches and concept photographs into lively, animated, and unique websites

My Personal Portfolio Website | Django Backend and Updated Web Design

- Created prototypes for my website using responsive design techniques and Don Norman's design principles: visibility, affordance, and mappings

SKILLS

CSS	Fluent	Multiple college classes, web developer
JAVASCRIPT	Fluent	Multiple college classes, web developer
PYTHON	Fluent	Multiple college classes, web developer
DJANGO	Fluent	Hobby projects, LLNL internship
C	Some Knowledge	Some college classes
JAVA	Some Knowledge	Some college classes
SQL	Some Knowledge	Some college classes

OTHER INTERESTS

Outside of the classroom and work, I am the Vice President of NAU's Association for Computing Machinery (computer science) organization on campus. I help increase interest in modern computing and teach life skills to my peers. I also work on miscellaneous hobby projects to stay up-to-date with technology and enjoy reading about STEM topics like additive manufacturing, biomimicry, climate change, etc. For fun, I play video games, produce creative writing, and draw.



EDUCATION

Northern Arizona University

- CS 386 – Software Engineering
- CS 499 – Parallel Programming

Arizona State University

Chandler Gilbert Community College (CGCC)

Mesquite High School

EXPERIENCE

Nosh: Ingredients to Recipes – CS 386

- Organized and led a team to design and implement a recipe searching website
- Utilized Django web framework backend with a HTML5, CSS, JavaScript frontend

Kinect Virtual Laser Controller – CGCC

- Led a team of two to move a virtual laser using gestures and voice control with C#

Raycaster – CS 430: Computer Graphics

- Learned C and the importance of understanding the problem before coding

Handicraft Director – Camp Geronimo, Boy Scouts of America

- Hired, trained, and managed eight employees to teach seven classes and run various activities

SKILLS

JAVA	Fluent	Multiple college classes
C	Fluent	Multiple college classes
PYTHON	Some Knowledge	Some college classes, Nosh project
JAVASCRIPT	Some Knowledge	Some college classes, Nosh project
C++	Some Knowledge	One college class
DJANGO	Some knowledge	Nosh project

OTHER INTERESTS

I am an Eagle Scout who has participated and led in Boy Scouts for a large part of my life. As such, I enjoy a bunch of outdoor activities - the regular ones being backpacking, climbing, biking, and making pottery when I have the equipment available.

Professionally, I'm a hardworking and constantly learning CS major who has recently been inducted into the CEFNS Dean's List. I've recently acquired an interest towards Dev Ops and the development and management of microservices on web platforms.