

Team Inventory

9/27/19



CartoCosmos

Sponsor: USGS Astrogeology Science Center

Mentor: Isaac Shaffer

Scott Ames

Jacob Kaufman

Kaitlyn Lee

Christopher Moore

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

Kaitlyn Lee

Computer Science and Mathematics Major
from Lake Havasu City, AZ



Education:

Lake Havasu High School
Lake Havasu City, AZ
GPA: 4.0

Mohave Community College
Lake Havasu City, AZ
Associate of Arts Degree / GPA: 4.0

Northern Arizona University
Flagstaff, AZ
GPA: 4.0
Numerical Analysis
Software Engineering
Parallel Programming

Work Experience:

United States Geological Survey
Flagstaff, AZ
01/2018-Present
Software Developer
Develop imaging software for the
planetary science community.

Skills:

- Command line programming, bash scripting, Google Test, CMake, Jupyter Notebook, GitHub, and Anaconda. These are all skills I have learned or tools I have used while working at USGS and have a good understanding of all of them.
- C/C++, Python, MATLAB, and Java: I am very familiar with all of these languages. I have the most experience with C++ from working at USGS. I have coded projects in all these languages in courses or during undergraduate research.

Background and Interests:

I am 22 years old and have been at NAU for four years. I was originally only a math major, but fell in love with programming and added it as a second major. Besides programming, I enjoy playing games with friends and family, watching soccer, playing basketball, learning about our solar system, and cooking.

Scott Ames

Computer Science Major
from Temecula, CA



Education:

Chaparral High School
Temecula, CA
GPA: 3.40

Coconino Community College
Flagstaff, AZ
Associate's Degree / GPA: 3.67

Northern Arizona University
Flagstaff, AZ
GPA: 3.63
Advanced Web Programming
Software Engineering
Virtual Worlds

Skills:

- Full stack web development: from Advanced Web Programming and other online courses which have familiarized me with languages/frameworks like Node.js, React, Bootstrap, Vue, Angular, etc.
- Web API integration: from Software Engineering where my team made a website that integrated Spotify's API to recommend music and sync accounts
- Backend tools like MongoDB, SQL, Python, XAMPP, and Git

Background and Interests:

I am 27 years old and have lived in Flagstaff for six years with my girlfriend, Marissa, and dog, Finn. I transferred to NAU from Coconino Community College in 2017, and this is my third and final year. In my free time I enjoy planetary and deep sky viewing and astrophotography with my telescope, camping, hiking, traveling, playing video games, and coding.

Jacob Kaufman

Computer Science Major
from Sammamish, WA



Education:

Eastlake High School
Sammamish, WA
GPA: 3.58

Northern Arizona University
Flagstaff, AZ
GPA: 3.63
Advanced Web Programming
Software Engineering
Virtual Worlds

Work Experience:

Schreiner Group
Blauvelt, Ny
07/2019 - Present
Remote Engineer
Automizing statistical calculations and reports

Skills:

- Time Management: From managing and prioritizing aspects of track, college, and work
- Web Development understanding HTML, CSS, JavaScript, Node.js, etc: From taking courses in advanced web programming, and software engineering
- Database Management understanding SQL server, MySql, VBA, and MS Access: From taking principles of databases and my internship at Schreiner group.
- Programming Languages C, Java, R, and Python from taking various courses in college and high school. I have at least 3 years' experience with these languages

Background and Interests:

I am 21 years old and have been at NAU for four years. Outside of programming I really enjoy sports and video games. I am currently throwing hammer on the Northern Arizona University track and field team.

Christopher Moore

Applied Computer Science Major
from Chandler, AZ



Education:

Corona Del Sol High School
Tempe, AZ
GPA: 3.17

Northern Arizona University
Flagstaff, AZ
GPA: 3.06
Virtual Worlds
Operating Systems
Software Engineering

Work Experience:

Northern Arizona University Information
Technology
10/2017 - Present
Enterprise Student Worker
Create OnBase and ServiceNow forms
and processes.

Skills:

- Experience with C, Java, Python, HTML, Javascript, SQL, etc... from taking courses at Northern Arizona University alongside working for ITS.
- Requirements gathering, working with clients, testing, project management and assistance, and technical writing are skills I have also gained/become more proficient in from working in ITS.
- Being able to learn and adapt to new codes alongside working in groups to complete projects on time.

Background and Interests:

I am 21 years old and this will be my 5th year attending NAU, when I graduate I am hoping to get a job in robotics with my Applied Computer Science major and Electrical Engineering minor.