



Team Inventory

September 14, 2020

Project Sponsor: Chris Doughty

Team Mentor: Andrew Abraham

Team Members: McKenna Chun, Gregory Geary, Wesley Smythe, Chufeng Zhou, and Kainoa Boyce

Overview

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

McKenna Chun

Major: Computer Science

Hometown: Waianae, Hawaii

Education

High School: Island Pacific Academy, *3.54 GPA*

College: Northern Arizona University

- CS 399 Mobile Applications Development
- CS 386 Software Engineering
- CS 345 Principles Of Database Systems



Work Experience

- Theatrical Technician
 - Collaborated with groups to perform tasks such as cutting and printing out props and stage background pieces using 3D modeling software Google SketchUp

Technical Skills

- Mobile Application Development
 - Basic Kotlin and Android Studio Utilization
- Web Development
 - Intermediate HTML, CSS, JavaScript Knowledge

Interests

I enjoy playing tennis and PC games in my spare time. I am also passionate about cooking and trying new recipes.

Gregory Geary

Major: Computer Science

Hometown: Phoenix, AZ



Education

High School: Sunnyslope High School *3.6 GPA Unweighted*

College: Northern Arizona University

- CS 399 Mobile Applications Development
- CS 399 Advanced Web Programming
- CS 386 Software Engineering
- CS 345 Principles Of Database Systems

Work Experience

- ServiceNow Web Development Intern (Banner Health IT department)
 - Worked on portal and backend development for the ServiceNow platform
- Web Application development Intern (W. L. Gore & Associates)
 - Worked on front and backend web dev using Angular and AWS Lambda

Technical Skills

- Mobile App development
 - Worked with Xamarin Forums, C#, Kotlin and Android Studio
- Web Application development
 - Very familiar with HTML, CSS, Javascript/Typescript, Angular, AWS Lambda, RESTful API practices, Bootstrap
- Database management
 - Solid understanding of SQL databases, very basic understanding of DynamoDB

Interests

Outdoor activities such as surfing, snowboarding, skateboarding, golfing, disc golfing, Mountain biking, hiking, and camping.

Wesley Smythe

Majors: Computer Science and Biology

Minor: Chemistry

Hometown: La Cañada Flintridge, CA



Education

High School: Telesis Preparatory Academy *GPA: 3.89*

College: Northern Arizona University

- CS 399: Advanced Web Programming
- CS 386: Software Engineering

Work Experience

- Mobile Application Class Teaching Assistant
 - I was responsible for looking through student's Android Studio code to make sure that the code submitted could produce the necessary output.
- Advanced Web Programming Class Teaching Assistant
 - I analyzed php and html code while I was in this position.
- Computer Science II (Java) Class Teaching Assistant
 - While I was the Teaching Assistant for this class, I was responsible for looking over and grading Java code.

Skills

- Website Development
 - In my advanced web programming course, I learned the basics of NodeJS and AngularJS.
- Basic Mobile Application Development
 - I learned a broad understanding of Android Studio in my mobile application development course.
- Database Management
 - In my principles of database systems class, I learned basic knowledge about SQL, data manipulation, and the relational model.

Interests

In my free time, I really enjoy hiking and camping. One of my favorite hikes in the Flagstaff/Sedona area is Mt. Wilson. I have a passion for learning about animals, so I might look into pursuing a career in bioinformatics after graduation.

Chufeng Zhou

Major: Computer Science

Hometown: Jiangsu, China

Education

High School: Suyuan high school, 3.64 GPA

College: Northern Arizona University

- CS 430 Computer Graphics
- CS 386 Software Engineering
- CS 345 Principles Of Database Systems



Technical Skills

- Basic Web Programming Development
 - Basic CSS and JavaScript
- Basic Mobile Application Development
 - Learned the use of Android Studio

Interests

I enjoy drawing and learning to cook .

Kainoa Boyce

Major: Applied Computer Science

Hometown: Kailua, Oahu, Hawai'i

Education

High School: Le Jardin Academy *GPA: 4.0*

University/Online: Northern Arizona University,
Indian Institute of Technology Bombay, University of
Adelaide, Harvard

- CS 499: Parallel Programming
- CS 460: Computer Networking
- CS 485: Undergraduate Research
- CS 497: Independent Study



Work Experience

- Cloud Systems Engineer Intern
 - developed numerous AWS cloud software packages.
- Cyber Operations Summer Intern
 - Collaborated with NSA analysts to gain insight into and work experience with various aspects of cyber operations.
- Website Designer / Security Manager
 - Designed, updated, and managed various websites.

Skills

- AWS Python SDK
 - developed numerous AWS cloud software packages from W.L. Gore & Associates
- Python and C based Parallelization
 - increased runtime efficiency of API queries by using parallelization techniques. This skill was learned at Northern Arizona University, and refined over the past year.
- Machine Learning
 - created a pipeline to automatically assign service desk tickets to appropriate resolution teams.
- Python based web application
 - developed a Python based web application for scientific purposes
- Containerization
 - developed secure AWS Kubernetes microservice environment

Interests

Outside of my professional life my interests include surfing, rock-climbing, and skateboarding.