Team Inventory

Date: September 14th, 2020

Team Name: PiWatcher

Project Sponsor: Duane Booher, NAU ITS

Team's Faculty Mentor: Volodymyr Saruta

Team Members: Seth Burchfield, Champ Foronda, Joshua Holguin, Brigham Ray

OVERVIEW

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

Seth Burchfield

Major: Computer Science
Hometown: Atascadero, California

EDUCATION
Atascadero High School - Atascadero, California

Cuesta College - San Luis Obispo, California

Northern Arizona University - Flagstaff, Arizona
Relevant Coursework:
- CS 345 - Principles of Database Systems
- CS 399 - Advanced Web Programming
- CS 399 - Mobile Application Development

WORK EXPERIENCE
Information Technology Intern - Mills Construction (Paso Robles, California)
Worked with the business owner to set up a mobile technology infrastructure for job-site workers and corporate to quickly communicate job status and share technical documentation.

SKILLS
Mobile Application Development - Implemented a cross platform mobile journaling application built in Flutter and powered by a Firebase backend.

Front End Web Development - Have experience building websites for personal and educational projects.

Git/GitHub - Have experience using Git and GitHub for personal and educational projects.

Windows/macOS/Linux - Have experience using these operating systems and using their respective command line tools.

OTHER INTERESTS
Wrestling - Started wrestling competitively at a young age and have recently returned to the sport in a non-competitive nature.

Photography - Began to be involved in landscape photography in high school and continue to enjoy taking these photos today.

Champ Foronda

Major: Computer Science
Hometown: Maui, Hawaii

EDUCATION
Maui High School - GPA: 3.99 - Maui, Hawaii

UH Maui College - GPA: 4.00 - Maui, Hawaii

Northern Arizona University - GPA 3.80 - Flagstaff, Arizona
Relevant Coursework:
- CS 345 - Principles of Database Systems
- CS 399 - Advanced Web Programming
- CS 485 - Undergraduate Research

WORK EXPERIENCE
Enterprise Technology Intern - State Farm
Worked with a team of two interns to develop a full stack web application for business executives, product owners, and software developers.

IT Intern - Ka'anapali Beach Hotel
Worked directly with the IT manager to help monitor, maintain, and organize IT resources.

SKILLS
Full Stack Web Development - Utilized Java Spring Boot to power the back-end and React.js to run the front-end to develop a full stack data analytics platform for State Farm.

REST - Created a REST API in Java Spring Boot for State Farm. Also have created REST API's in various personal projects in Python and in JavaScript.

Git/GitHub/GitLab - Have lots of experience using version control software from previous internships and personal projects. I have also utilized the GitHub API to conduct sentiment analysis of comments in undergraduate research.

Windows/Linux/macOS - Familiar with bash commands and utilized these operating systems a lot throughout my coursework at NAU.
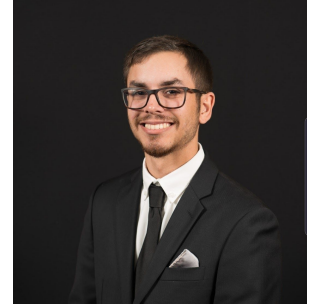
OTHER INTERESTS
Chess - Started playing chess a couple of years ago, loved it ever since.
Video Games - Love to play video games competitively with friends.
Photography - Officially started portrait photography in Summer 2020.

Joshua Holguin

Major: Computer Science
Hometown: Joshua Tree, California

EDUCATION
Twenty Nine Palms High School - GPA: 3.20

Northern Arizona University - GPA: 3.32 - Flagstaff, Arizona
Relevant Coursework:
- CS 345 - Principles of Database Systems
- CS 499 - Deep Learning
- CS 399 - Mobile Application Development

WORK EXPERIENCE
Enterprise Technology Intern - State Farm
Developed python scripts utilizing the boto3 sdk to create Lambdas for AWS to pull relevant data.

SKILLS
Git/Github/GitLab - Have experience in version control as well as semantic versioning main branches in both my internship and personal/school projects.

Linux/macOS - Have experience with bash commands and have mainly programmed on macOS while in college.

Python - Four years experience including being the main language utilized at my internship. I have utilized it for many personal projects including deep learning models.

OTHER INTERESTS
BJJ (Brazillian Jiu Jitsu) - Started when I was in Jr. High School and recently began training again. Love the camaraderie and competition it brings.

Rock Climbing - Began climbing sophomore year of college and have been hooked ever since.

Brigham
Ray

Major: Applied Computer Science
Hometown: Gilbert, Arizona

EDUCATION
Highland High School - 3.8

Northern Arizona University - GPA 3.4 - Flagstaff, Arizona
Relevant Coursework:
- CS 345 - Principles of Database Systems
- CS 499 - Advanced Mobile Application Development
- CS 465 - Networking

WORK EXPERIENCE
Cyber Security Intern - General Dynamics Mission Systems
Automated security audits, threat monitoring and prevention.

SKILLS
Git - All programming assignments are uploaded via the command line Git API.

Linux/macOS/Windows - Currently working at Classroom Support at NAU, which deals with all kinds of different operating systems and environments as well as networking.

Java/Python/C/VBA - Intermediate level programmer for each of the languages listed.

OTHER INTERESTS
Cello - 12 year veteran of the fine arts, played in college and in the community starting at the age of 11.

Running - Best way to clear your head, hands down.

Gaming - Addicted to FPS style games, especially the new Modern Warfare.