F1/10 YellowTails

Team Inventory

Issac Shaffer

Bowen Boyd
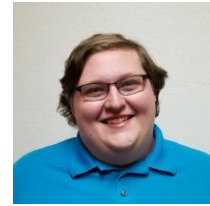Hanyue Wang
Kyle Watson
Jordan Wright

9/27/19

Overview

The purpose of this team inventory document is to introduce the team members and identify the areas of strength for each member. The following pages will briefly outline each member of the team with some background information as it relates to biographical information, education, work experience, skills, and other interests.

Bowen
Boyd

bdb253@nau.edu
Major: Computer Science
Hometown: Mesa, AZ

Education
High School Diploma | Gilbert Early College
Graduated 2016
BS - Computer Science (In Progress) | Northern Arizona University
September 2016 - Present

Experience
Web Content Management Team | NAU ITS
- Migrated all of NAU's websites from Ektron to WordPress. Applied accessibility standard across NAU's sites. Our team won the Leadership Award from the Commission on Disability Access and Design in 2019.

Teaching Assistant | Northern Arizona University
- TA for CS 136 - helped students learn and apply Java concepts
- TA for CS 399 Mobile Applications - experience with Android Studio and Java based mobile development.

Automation Development Intern | Aylstock, Witkin, Kreis & Overholtz, PLLC
- Worked with clients to solve deficiencies and worked with ITS to automate process where applicable

Skills
- Created a Django Web App for eSport Tournaments. Frontend and backend experience with Bootstrap and SQLite. I also learned a lot about Python during this project.
- Operating System Simulator – implemented in c and simulates batch processing with IO using non-blocking threads
- Familiar with the Linux Kernel and have used a variety of Linux Distributions
- Mobile Calculator for a Card game with one version using Unity and the other Android Studio

Interests
Game Development - I have went through a variety of Unity and Mobile Application classes online. I am currently taking Virtual Worlds where we are build JavaScript HTML5 web games.

Hanyue Wang

wh259@nau.edu
Major: Computer Science
Hometown: Xinjiang, China

Education
BS - Computer Science (In Progress) | Huaqiao University and Northern Arizona Univ.
August 2017 - Present

Experience
Team Collaborative Projects | Huaqiao University and Northern Arizona University
- Worked with a team to do an experiment for C++ multiple inheritance with shared ancestor. With environment Visual studio 2017.
- Worked with a team to design a calendar mobile application. From this project I learned about database, user-interface, GUI, and basic knowledge about Android studio.

Skills
- Experience programming with C/C++, JAVA, and HTML/CSS
- Basic knowledge about database manage system and dong in-depth study.
- Familiar with Linux and Windows system
- Familiarity with Python

Interests
I am interested in 3D modeling, game art direction, graphic design, CG or animation production, and other digital media aspects. I am also interested in front-end programming. I love playing, designing, and creating games and art-related things.

Kyle Watson

kpw44@nau.edu
Major: Computer Science
Hometown: Peoria, AZ

Education

High School Diploma | Centennial High School

August 2011 - May 2015

AA - Arts | Glendale Community College

August 2015 - May 2017

BS - Computer Science (In Progress) | Northern Arizona University, Class of 2020

August 2015-Present

Work Experience

Software Development Intern | Princess Cruises

- Worked with a team that refactored pages on the websites. Other team I worked on dealt with tracking people's flow through the website.

Software Development Intern | State Farm

- Worked with another team member to build databases to work with two locations of Technical Data.

Teaching Assistant | Northern Arizona University

- CS 249: Assisted students with understanding Data structures and helped grade projects.

Skills

- Extensive programming experience in Java
- Familiar with languages python, scheme, mySQL, postgreSQL, HTML, CSS, Javascript, C/C++
- Front-end Development
- Back-end Development
- Ability to work with both teams and individually

Interests

In my spare time I love getting outdoors and hiking and playing sports. I grew up playing sports, however I have not been able to play much recently. I also love helping others, listening to country music/ instrumentals since I have always loved playing instruments.

Jordan Wright

jaw566@nau.edu
Major: Computer Science
Hometown: Berlin, NJ

Education

AS - General Science | Coconino Community College
June 2015 - January 2017

BS - Computer Science (In Progress) | Northern Arizona University
January 2017 - Present

BS - Mathematics (In Progress) | Northern Arizona University
January 2017 - Present

Experience

Software Development Contractor | United States Geological Survey
- Programming high precision image processing algorithms within the data reduction system of the Robotic Lunar Observatory Calibration project

Teaching Assistant | Northern Arizona University
- Assisting in grading for Operating Systems and Algorithms

Supplemental Instructor of Mathematics and Physics | Coconino Community College
- Supplemental sessions regarding weekly teaching highlights in Pre-calculus, Calculus, and Mechanical Physics

Skills

- Extensive programming experience in C/C++ in IDL
- Familiarity with CUDA, Python, Java, Scheme languages, and LaTeX
- Working in a collaborative environment and appropriately delegating tasks
- Algorithmic development as it pertains to image processing
- Experience with Linux kernel

Interests

My current interests lie within the fields of Computer Science research regarding High Performance Computing and Atmospheric Science research regarding calibration methods and remote sensing.