CS 476 - Senior Capstone Design Team Inventory

Northern Arizona University

September 14, 2020

Team Badgers

Sponsor: Dave Hopfensperger & Glenn Austin

Team Mentor: Sambashiva Kethireddy

Members:

Abdulrahman Alamoudi

Tristan Marcus

Logan Ritter

Robel Tegegne

Yuanbo Xu

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.

Robel Tegegne (Team Lead)

Biography

Hi, My name is Robel Tegegne. I am studying Computer Science at Northern Arizona University. I am from Ethiopia and I have enjoyed living at Flagstaff with its snow. I am interested in Software Development, Machine Learning and /Block-chain.

Education

Northern Arizona University (May 2021)

Computer Science
Jan 2017 - May 2021
Cum. GPA 3.55/4.0

Important Courses
-Mobile and Web development (JavaScript, HTML/CSS, React.js, React Native, Node.js,
-Software Engineering (JavaScript, Java, HTML/CSS),
-Operating System (C)
-Open Source Development

Technical Projects

iBetoch - www.ibetoch.com

 - Developed a housing finder web app using Express Node.js, React.js, MongoDB, REST API
   to simplify posting, and finding houses for Ethiopians
 - Implemented Basic Authentication and Authorization
 - Integrated Google Map API

Skills

Full-Stack Development and Frameworks
-MERN and MERNN stack, JavaScript, React.js, React Native, Node.js, HTML/CSS, MongoDB, REST
Programming Languages and Technologies
Java, Python, C, SQL, Google Cloud Platform, Amazon Web Services, git

Leadership Experience

National Society of Black Engineers (Vice-President)
Jan 2020 - present
Working to increase the number of culturally responsible Black engineers who excel academically, succeed professionally, and positively impact the community.
Responsible for overseeing activities/events, develop retention and programs of interest for NSBE at NAU

Extra-curricular

I like playing soccer, volleyball, going to gym, and volunteering in the community.

Abdulrahman Alamoudi

Biography

Hi, My name is Abdul Rahman Alamoudi. I am an international from Saudi Arabia. I am a senior student. I have been here in the US since 2016. I love the snow here in Flagstaff. I am interested in Software Development, Software Engineering, Mobile Application and Website Development.

Education

Northern Arizona University
        Computer Science (May 2021)

Important Courses

        CS 345: Principles of Database System.
        CS 386: Software Engineering.
        CS 399: Mobile Application Development.
        CS 499: Open Source Software Development.

Technical Projects

  - Create Mobile application using Flutter and Android Studio
  - Create and develop Website with React.js

Skills

Frameworks

Reactjs, Javascript, Git, Node.js, HTML/CSS

Programming Languages

Python, Java, C, Flutter, Android Studio

Extra-curricular

I like spending time with my roommates after school and watching TV shows. Meeting new friends and learning something new.

Logan Ritter

Biography

Hello My name is Logan Ritter and I am in my third year at Northern Arizona University studying Applied Computer Science with a minor in Spanish. I plan to graduate in December of 2021. I am from Peoria, Arizona. Some of my technical interests include software development, mobile and desktop apps, cyber security, and software engineering.

Education

Liberty High School (May 2018)
> GPA: 3.85

Northern Arizona University (Dec 2021)
> BS Applied Computer Science
> AA Spanish (May 2020)
> GPA 3.91/4.0

> **Important Courses**
> CS 345: Principles of Database Systems
> CS 386: Software Engineering
> CS 460: Computer Networks

Work Experience and Technical Projects

Technology Intern State Farm - Summer 2020
  - Worked in Big Data Platform as a Service (BDPaaS) on the Platform Management team where our jobs were to build and manage hadoop clusters using Cloudera Manager.

Technical Projects
  - Created a desktop application to manage personal finance and spending using java and more.
  - Developed web projects on my own website using JavaScript, HTML, and CSS

Skills

Programming Languages
Java, Python, C, Bash, JavaScript, HTML/CSS, NoSQL, Git, Cloudera Manager

Extra-curricular

Outside of school, I enjoy spending time with my family, video games, Soccer, Kickboxing, and just about any board game!

Tristan Marcus

Biography
My name is Tristan Marcus and I am a senior studying Computer Science at Northern Arizona University. I am originally from Chicago, Illinois but have now lived in Surprise, Arizona for 13 years. My interests include Game Development, Web Development, and Graphic Design.

Education
Dysart High School (May 2015)
  GPA 4.4/5.0

Northern Arizona University
  BS Computer Science
  GPA 3.0/4.0

  Important Courses
  CS 345: Principles of Database Systems
  CS 386: Software Development
  CS 399: Mobile Application Development

Technical Projects
Personal Website (**https://tristan-marcus.github.io/portfolio-website/**)
  - Designed a horizontal single page layout (desktop/mobile friendly)
https://tristan-marcus.github.io/portfolio-website/

Music Streaming Website
  - Worked on a team of 5 to design and code a music streaming platform MVP

Skills
Frameworks
ReactJS, Unity3D, Microsoft .NET

Programming Languages
Java, C#, C, Python, JavaScript, HTML/CSS, R

Extra-curricular
Activities I enjoy outside of school are competitive gaming, marathon training, weight lifting, and watching mixed-martial arts.

Xu Yuanbo

Biography

My name is Yuanbo and I am a senior in NAU. My major is Computer Science. My interests include Web programming, software development.

Education

Northern Arizona University

BS Computer Science

GPA 3.3/4.0

Important Courses

CS386 Software Development

CS399 Advanced Web Programming

Technical Projects

-Developed a simple video platform using html, javascript with a team.

-Create a website which can save product information using html, javascript, SQL,php.

Skills

C, Java, Javascript, HTML, SQL, php

Extra-curricular

I always spend time on playing online games and browsing funny videos.