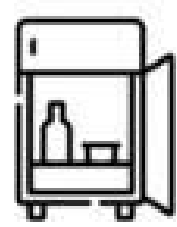


Team Fridge Filler

Team Inventory

9/11/2020



Shangyi Dai

Jonathan Derr

Travis Flake

Gage Gabaldon

Zhibang Qin

Project Sponsors: Dr. Richard Rushforth, Sean Ryan

Mentor: Sambashiva Kethireddy

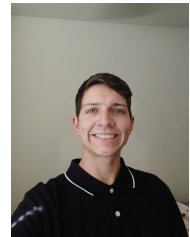
Overview

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.

Gage Gabaldon

Computer Science

Snowflake, Arizona



Education

Snowflake High School

Graduated from Snowflake High School with a GPA of 3.9.

Northern Arizona University

Relevant Courses: Software Engineering, Computer Graphics, Principles of Database Systems

Work Experience

In Software Engineering I worked on an android application for the class.

Skills

- **Android** - Worked on android application
- **Containers** - Knowledge of Docker.
- **Databases** - Designed simple databases and implemented them too.
- **Web Services** - worked with amazon web services.

Other Interests

I like nature and hiking. It is fun to get out and climb big rocks.

Longboarding and skating around campus are always fun.

Lastly, I'm a big nerd and like to play video games mostly league and roguelikes.

Travis Flake

Computer Science

Flagstaff, Arizona



Education

Flagstaff High School

Graduated from Flagstaff High School

Northern Arizona University

Relevant Courses: Software Engineering, Principles of Database Systems

Work Experience

In Software Engineering I worked on a web application based in react.

Skills

- **Familiar with ReactJS** - I learned about React by developing a react application with my team in the Software Engineering class.
- **Google Firebase** - I have used Firebase Authentication for logins on a web application

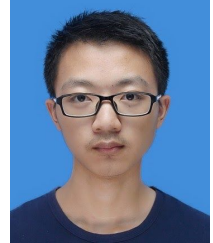
Other Interests

Avid environmentalist - I care about the reduction of waste, and I believe making sure people are using what they have and can afford to cook meals will help reduce food waste

Photography - I enjoy photography as a hobby

Video games - I also enjoy playing video games in my offtime.

Shangyi Dai
Computer Science
Wuxi, Jiangsu



Education

XiDong High School

Graduated from XiDongHigh School

Northern Arizona University

Relevant Courses: Android software development, Web programming.

Work Experience

I don't have work experience relevant to technical projects.

Skills

- **MySQL** - I learned how to combine MySQL and web page from the advanced web programming class.
- **Android studio** - I did several android projects when on my Android software class.

Other Interests

Cars - I'm interested in the old cars. I like The Top Gear and The Grand Tour very much.

Video games - I like playing video games in my break time.

Zhibang Qin

Computer Science

Yancheng, Jiangsu

Education

Graduated from Yancheng High School

Now in Northern Arizona University



Work Experience

Till now I have no work experience.

Skills

- **Android studio** - I did a Android team project in CS399

Other Interests

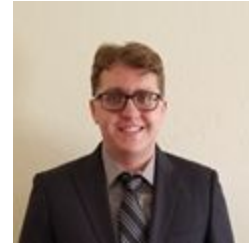
Video games - I often play video games when I am free.

Chess - I sometimes play chess.

Jon Derr

Computer Science

Phoenix, Arizona



Education

Horizon Honors High

Graduated in 2015 with a GPA of 3.6

Northern Arizona University - Currently Attending

Relevant Courses:

- CS386 - Software Engineering
- CS399 - Mobile Application Development
- CS345 - Principles of Database Systems

Work Experience

- Developed an Excel routine to automatically format the schedules for my work.
- Team Leader for my Software Engineering project, which was supposed to be a navigation app that would help new students navigate buildings on campus.

Skills

- **Android Studio** - Baseline experience developing Mobile Applications for Android
- **MySQL** - Intermediate-level Experience designing and implementing databases
- **Web Design** - Intermediate-level experience designing and implementing websites using HTML and CSS
- **Java, C, and Python** - Intermediate-level experience programming in all 3 languages using in-built functionality and external libraries
- **Algorithm Design** - I've designed algorithms for a couple different applications, including a modified Dijkstra's Algorithm for my Software Engineering project.

Other Interests

- **Video games** - I enjoy playing Shooters, Real-Time/Turn-Based Strategy, and Simulator games when I have the time.
- **Exercise** - Exercise is very important in this field, and helps protect against short-term and long-term health problems, so I try to exercise at least a few times a week.

- **Cars** - I'm an amateur gearhead with an interest in fast 2-seater sports cars. But, I'm unfortunately restricted by money right now, so I can't pursue this interest to the degree that I'd like.