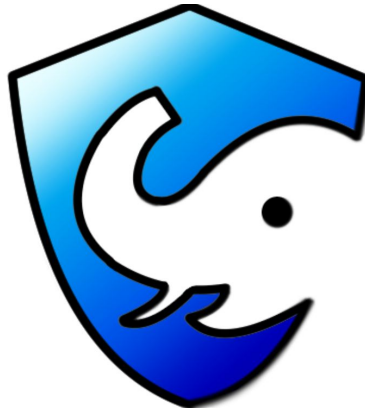


Team Inventory



All Ears

Date: 9/14/2020

Sponsors: Ms. Jenna Keany and Dr. Chris Doughty

Faculty Mentor: Mr. Tomos Prys-Jones

Team Members: Bailey Erickson, Elijah Macaranas,
Jared Weinberger, Savannah Fischer, Zhijun Hu

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

Bailey Erickson



Background:

- Computer Science Major from Duluth, Minnesota

Education:

- Attended: Mountain View High School in Marana, Arizona
 - GPA: 3.8 (2014 - 2017)
- Attends: Northern Arizona University in Flagstaff, Arizona (2017- Present)
 - Relevant Courses:
 - Software Engineering
 - Ethics in Computer Science
 - Introduction to Database design

Relevant Work Experience:

- Mountain View Chromebook tech
 - Worked with students and parents to help fix and resolve issues with Chromebooks
- Fry's Communications
 - Worked for the last 3 years being the coordinator for the Climb to Conquer Cancer for our whole store team

Skills:

- Experience in Android Studio creating front end and user interfaces for mobile applications learned from Software Engineering
- I have a lot of experience in group communication and setting up and coordinating events

Other interests:

- I enjoy nature and the things you can do in it, hiking, kayaking, swimming, and biking
- I love my pets and all animals, I used to foster dogs for many years

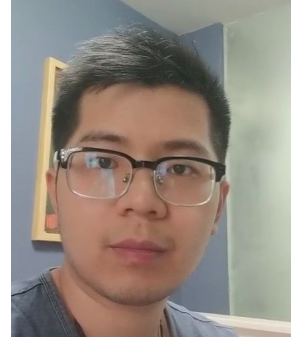
Zhijun Hu

Background:

- Computer Science Major from Shaanxi, Northwest China

Education:

- Attended: Xi'an Hi-Tech Senior High School
 - GPA: 3.55 (2013-2016)
- Attends: Northern Arizona University in Flagstaff, Arizona (2016-Present)
 - Relevant Courses:
 - Software Engineering
 - Android Development



Relevant Work Experience:

- Xi'an Sidanli Technology Industry Company Ltd,
 - Worked with technical staff to support a real-time monitoring tool for single chip microcontrollers

Skills:

- Have experience in developing lightweight front-end websites and databases learned from an Android Development course
- Have relevant experience in GUI interface development based on Java and Python language that I learned from internship experience

Other Interests:

- I enjoy knowing about computer hardware such as graphics cards, RAM or screen inputs/outputs , etc.

Savannah Fischer



Background:

- Computer Science and German major from Holbrook, Arizona

Education:

- Attended Northland Pioneer College (2012-2016)
 - Earned dual enrollment credit through Holbrook High School
 - GPA: 4.0
- Attending Northern Arizona University (2016-Present)
 - Participated in a study abroad experience with a partnered university, the Technische Universität Dortmund in Dortmund, Germany
 - Relevant Courses:
 - Software Engineering
 - Introduction to Database Design
 - Advanced Web Programming

Relevant Work Experience:

- Information Technology intern for the Navajo County government offices
 - Constructed an Enterprise Systems database with the focus of monitoring alternate databases using basic TSQL and SQL
- TU Dortmund Computer Science Department intern
 - Assisted in the creation of an SQL parser for a larger database project geared toward student education through physical experimentation with database technologies

Skills:

- Knowledge of basic HTML, PHP, and CSS
- Experience with SQL database configuration and manipulation through both course instruction and internship work

Other Interests:

- Maintenance and installation of computer hardware
- Robotics sensor installation and behavioural coding

Elijah Macaranas

Background:

- Computer Science and Japanese major from Phoenix, Arizona

Education:

- Attended Raymond Kellis High School (2013 - 2017)
 - Honor Roll for 4 consecutive years
 - GPA: 3.8
- Attending Northern Arizona University (2017 - Present)
 - Part of a Interdisciplinary Global Program in which they incorporate interdisciplinary leadership skills before students are abroad
 - Relevant Courses:
 - Software Engineering
 - Operating Systems
 - Mobile App Development



Relevant Work Experience:

- Goodwill
 - Assisted in applying database applications that maintains and queues in items and their prices for customers when purchasing an item

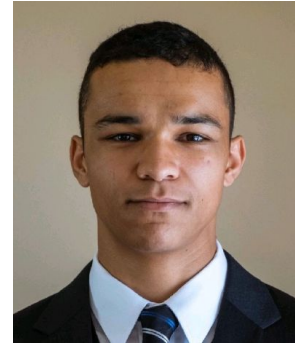
Skills:

- Development of a Mobile Application that can be used for different mobile platforms such as Apple and Android through Flutter
- Basic knowledge in HTML, JavaScript, and CSS
- Japanese text translation into English, vice versa
- Basic knowledge in Graphic Design
- Basic knowledge in video editing

Other Interests:

- I enjoy learning about the culture of other people, especially their language
- I'm also interested in game design and created a few myself in the past
- I play video games, draw, and read for a hobby

Jared Weinberger



Background:

- Computer Science and German major from Tucson, AZ

Education:

- Pusch Ridge Christian Academy (2012 - 2017)
- Northern Arizona University (2017 - Present)
 - GPA: 3.7 (4 point scale, August 2020)
 - Relevant Courses: Web Programming, Software Engineering, Mobile Application Development, Database Systems

Relevant Work Experience:

- Wiegand Glas GmbH. - IT Development Intern (Summer 2018, Summer 2019)
 - Labordaten Überträger
 - Developed system integration application that transferred and transformed data from lab software to the enterprise distributed database SAP. Used F#, C#, and Windows Presentation Foundation to develop desktop application
 - Schulungstrainer
 - Developed website for coordinating company-wide training sessions
 - Introduced to Single Page Applications, functional programming, and RESTful APIs in ASP.NET

Skills:

- API Design, web application design, Linux server administration, ability to learn new technologies quickly
- NGINX, Apache, ASP.NET Core, Node.js/Express server, Go, Vue.js, Elm, HTML & CSS
- Android Native and Flutter for app development
- MongoDB, MariaDB, PostgreSQL, SQLite
- Conversational competency in German

Other Interests:

- I love to speak German, hear German, and discuss all things German
- I love spending time with my closest friends
- I love well-designed programming languages and web applications