

# Team Inventory

Date: 9/21/2017

Project sponsor: Barbara Jenkins

Team faculty mentor: Ana Steinmacher



# BRAINSTIM STUDIOS

Vincent Messenger (Lead)

Anderson Moyers

Jennie Ryckman

Nathan Franklin



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## Overview

The purpose of this team inventory document is to supply a one-page introduction for each team member. Each team member introduction consists of biographies info, education, work experience, skills, and other interests.

# Nathan Franklin

Computer Science, BSCS

From Tucson, AZ

Age: 24



## Education

- City High School Tucson, AZ 4.0 gpa
- Northern Arizona University 2011-current
- Related Upper Division Courses
  - MAT 316 Linear Algebra
  - ENG 302W Technical writing
  - CS 301 Computers and Society
  - CS 315 Automata theory
  - CS 345: Principles of Databases
  - CS 386 Software Engineering

## Related Work experience

No relevant work experience.

## Skills

- **Assembly language** - the basic assembly language we learned in CS200 made sense to me.
- **Databases** - in CS345, we learned proper database structure implementation.

## Personal

Avid cyclist, category 2 road racing. Bicycle mechanic. In the process of building a Datsun 240z into a racecar.

# Anderson Moyers

Computer Science, BSCS

From Mayfield, KY

Age: 29



## Education

- High School: Armand Hammer UWC-USA, IB Diploma, Montezuma, NM
- University: Northern Arizona University
- Related Upper Division Courses

CS 386 Software Engineering

CS 345 Principles of Databases

CS 399 Mobile Applications

CS 477 Advanced User Interfaces

## Related Work Experience

- Website Administration (2004-2013) Established and maintained small commercial website. Created content such as logos, business cards, and mailers and maintained corresponding databases for mailing lists.
- Apprentice Programmer/Developer (2017-Current) Maintain and develop new content for NAU sites using a variety of web technologies and paradigms.

## Skills

**Web and Databases** - Have worked with Wordpress, CSS, and HTML over a period of 13 years. Have worked with different types of relational databases for Android applications, Wordpress, and web applications for 5 years.

**Javascript and Modern Frameworks** - Have worked with Javascript for about 2 years, including current development at NAU. Have maintained sites using MVC (.NET) and Angular frameworks. Have experience with Node.js, jQuery, AJAX, and JSON.

**Images** - Have worked with creating custom vector images for 13 years, including logos for several small businesses. Have experience creating sprites for mobile games on the Unity platform. Currently taking a computerized graphics class which involves generating graphics using C.

**User Interfaces**- Have experience prototyping mobile applications for games and Android applications. Have used Bootstrap and other scaffolding paradigms during personal work, current position, and classes.

## Personal

Outside of programming, my main interests are language and social/environmental issues. Before entering the CS program at NAU, I spent most of my time in social sciences. What I like most about software development is that it enables me to be involved with creating technology experiences and helps me learn about the psychology of human-technology interaction.

# Vincent Messenger

Computer Science, BSCS

From Prescott, AZ

Age: 22



## Education:

- Prescott High School - 2013 GPA: 4.23
- Northern Arizona University - Computer Science 2013-2018
- Related Upper Division Courses
 

|                                |                                |
|--------------------------------|--------------------------------|
| CS 413 Virtual Worlds          | CS 460 Computer Networks       |
| CS 465 Distributed Systems     | CS 386 Software Engineering    |
| CS 421 Algorithms              | CS 396 Principles of Languages |
| CS 345 Principles of Databases |                                |

## Related Work Experience

- ASA/Programmer - Northern Arizona University ITS (2015 - present)
  - Developed and maintained various web applications for the university. Work on these projects included frontend and backend development.
  - Wrote programs to process and report data from NAU's Peoplesoft system.
  - Created an API to expose NAU's Peoplesoft data to external applications around the campus.

## Skills

**Web Development** - I've worked with many different web development languages to produce mobile-friendly and highly usable web applications.

**Realtime Communications** - I have experience creating real-time communications applications, including an authenticated and encrypted instant messaging web application.

**Javascript Frameworks** - I have worked with many frontend Javascript frameworks, including all versions of AngularJS to create responsive applications involving large amounts of user data.

**API Creation and Maintenance** - Created and maintained API endpoints to expose Peoplesoft data to external applications.

## Personal

In my time outside of work and school, I find great enjoyment in staying at home and relaxing with the family. I'm a definite home-body who enjoys video games and watching Netflix. However, I find peace in nature and love to get outdoors to hike. I enjoy programming because it allows problem solvers the ability to approach the same problem in a multitude of ways. You can learn so much by working with people to get different perspectives on how to solve the same problem.

# Jennie Ryckman

Computer Science, BSACS

From Kapolei, HI

Age: 22



## Education

- High School: Sacred Hearts Academy
- University: Northern Arizona University 2013-current
- Related Upper Division Courses

ENG 302W Technical writing

CS 301 Computers and Society

CS 345 Principles of Databases

CS 386 Software Engineering

## Related Work experience

No relevant work experience.

## Skills

- **Web development** – I've created basic websites with HTML, CSS, PHP, and JavaScript. I learned how to make websites in CS112 and CS212.
- **C** – I have experience in coding with C from taking EE222 and CS200.

## Personal

In my free time I like to improve my drawing skills and play video games. I love spending time with my dog and traveling around the U.S. I've been to Japan once and really enjoyed it; I plan to go there again after graduating.