

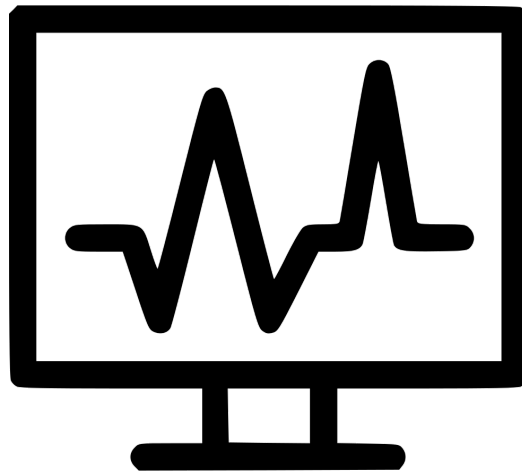
Team Inventory

CS476

9/21/2017

Dr. Fatemah Afghah

James Todd, Nathan Payton-McCauslin,
Alexander Grzesiak, and Robert Rasmussen



Bio

Name: Nathan Payton- McCauslin
Major: Applied Computer Science
Minor: Mathematics
Hometown: Flagstaff, Az



Education

High School: Coconino High School

GPA: 3.33

Colleges and Courses:

1. Coconino Community College
2. Northern Arizona University
 - a. Software Engineering
 - b. Operating Systems
 - c. Principles of Languages
 - d. Mobile Application Development (currently taking)
 - e. Principles of Database Systems (currently taking)

Work Experience

- Student Web Developer at Northern Arizona University
 - Front end development of NAU web pages using HTML, CSS/SASS, Javascript/JQuery.
- Software Engineer Intern at Devicescape
 - Wrote scripts primary using Node.js to manipulate large databases of information.

Skills

- Frontend and client side web development using advanced web development languages such as, SASS, React.js and JQuery. Gained through my internship at Devicescape and my job as a Student Web Developer at NAU.
- Server side web development and database manipulation using Node.js. Gained through my internship at Devicescape.
- Knowledge of AWS technologies. Gained through my internship at Devicescape.
- Knowledge of both relational (NAU) and non-relational (Devicescape) databases.

Other Interests

- I really writing automation scripts for working with large databases.
- I enjoy making web pages functional and adding features but I do not enjoy changing the way they look. In other words, I am not a user interface type of developer.

Biographical Information

Name: Alexander Grzesiak
Major: Computer Science
Minors: Mathematics & Astronomy
Hometown: Spokane, WA



Education

High School: Gonzaga Preparatory School **GPA:** 3.58

Colleges and courses:

1. Northern Arizona University
 - a. Cyber Security: Cryptography
2. University of Zurich
 - a. Multimedia Systems

Work Experience

- launchedIT
 - I worked mostly in php, HTML, SQL and Python to develop and test various front end pages, implementing accompanying databases, and scraping scripts.
- Itron
 - Developed a VSTS migration tool as well as re-writing SQL procedures to move production teams to the Microsoft Cloud.

Skills

- Cyber Security
- Analytics
- Bug hunting
- C#, Java, Python, C++

Other Interests

- Hiking
- Skiing
- Biking
- Swimming
- Building computers
- Computer gaming

Bio

Name: James Todd
Major: Computer Science
Minor: Math
Hometown: Chandler, AZ



Education

High School: Basha High School

Colleges:

1. Coconino community College
2. Northern Arizona University
 - a. Operating Systems

GPA: 3.78

Work Experience

- Internship with State Farm
 - I was part of their systems IT department with a team, developing customer identity protection. There I learned best practices on team building and code.
- Undergrad Research at NAU
 - The research is data mining Github for specific anomalies in repositories. I am using python as my language, and I am using multithreading to gather data at a faster rate.

Skills

- Data mining and analyzing big data
- Good understanding of the Languages C, Python, and Java.
- Data base SQL understanding
- Threading experiences with Python and C

Other Interests

- Computer Games
- Hiking
- Reading
- Studying

Bio

Name: Robert Rasmussen

Major: Computer Science

Hometown: Mesa, AZ



Education

High School: Dobson High School

Colleges:

1. Mesa Community College
2. Coconino Community College
3. Northern Arizona University
 - a. Automata Theory
 - b. Software Engineering
 - c. Principles of Languages
 - d. Virtual Worlds
 - e. Computer Graphics

Work Experience

- Intern and Employee at the Interactive Virtual Reality Lab
 - I am currently the lead developer in the lab, working on various educational- and research-based tasks using virtual reality. We heavily use C++ and C# to create immersive virtual worlds.

Skills

- Strong in both low- and mid-level languages, with over 7 years of experience in C++ and C#.
- Knowledge of graphics and hardware interfaces, including SDL and SFML.
- Professional background in optimizing code, especially with regards to graphically and computationally expensive environments.

Other Interests

- Virtual Reality
- Hiking
- Computer Games
- Game Programming