Team Inventory

September 25, 2018
Team Jasper

Jabulani School Simulation Portal

Ana Paula Chaves Steinmacher

Karsten Nguyen

Carli Martinez
Ruben Rincon
Jasmine Mitchell

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.

Karsten Nguyen

Greetings, I was born and raised in Glendale, Arizona and have been a diehard Diamondbacks and Suns fan ever since I can remember. I'm an applied computer science major and also fluent in Vietnamese. I love being in the outdoors and specifically enjoy snowboarding, camping, and backpacking.

I attended Thunderbird High School and was part of the graduating class of 2012. Shortly after, I bounced around from Paradise Community College to Coconino Community College. I am currently enrolled in CS399, where the course helps me be familiarized with special requirements for programming such devices and have gain knowledge of the considerations needed when designing and producing mobile applications. I have also taken CS486, which involves applying software engineering and software architecture principles and techniques in the construction of complex computer programs in a team setting.

Work Experience:

➢ <u>Web Developer Intern:</u> Summer internship working for Superior Marketing, where I was able to work with clients on developing and finalizing their websites. They had me work on minor database related task when I wasn't working with clients.

➢ <u>ITS Service Desk & Tech Sppt:</u> I currently work as a Tech Support for Northern Arizona University. We help and resolve any technical issues whether its hardware or software that faculty or student may stumble upon.

➢ <u>Marketing & Social Media Manager:</u> Fall Semester 2017 I was able to work for a Southside Tavern and had full control and leadership of their marketing, website, and social media assets.

My goals after graduations are that I want to improve on becoming an established web and database developer. A web developer requires a knowledge of software programs, web applications and programming languages, as well as a solid understanding of design principles. While a database developer may develop new applications for database, or convert existing legacy applications to work with a database setup.

Carli Martinez

I'm an Applied Computer Science major at NAU and member of the Multicultural Engineering Club (MEC) on campus, as well as an aspiring software engineer. I am from Queen Creek, Arizona and my interests are softball, biking, hiking and gaming. I attended Hudson's Bay High School in Vancouver, WA and graduated with a 3.2 GPA.
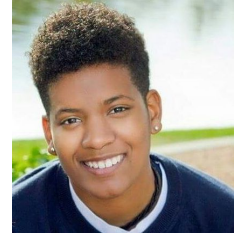
After completing many of my high school classes early, I attended this full-time Ruby on Rails pair-programming bootcamp. Skills Learned I attained through my bootcamp are: Ruby on Rails, GitHub, HTML, CSS, JS, Bootstrap. Shortly after I started Northern Arizona University - Here at NAU I have taken many Computer Science courses, including Principles of Database Systems, Software Engineering. Some of my skills that I learned though the curriculum are: Version control, Data structures, Object oriented programming, database modeling, software engineering, mobile application development

Work Experience:

- ➢ <u>Web Developer</u> (3 years, 3 months) - Here I work remotely, part-time at Banner Edge Media in Scottsdale, Arizona as a client-side developer building hundreds of landing pages and writing validation code for leads to client schools nationwide.
  - ○ Skills Learned: PHP, HTML, CSS, JS

- ➢ <u>Applications Developer/System Support</u> (1 year, 4 months) - I am a part-time student worker at the ITEP department on campus. I maintain and design several websites while providing security and system support. I also have created forms, established database connections, automatic emailing services, built a content management system (CMS), and developed a mobile app.
  - ○ Skilled Learned: Microsoft Visual Studios, ASP.NET, HTML, CSS, JS

- ➢ <u>Ruby on Rails Volunteer Developer</u> (6 months) - I volunteered on this project for the National Parks Service through NAU working with two computer science professors and two other students. I was the main programmer in the implementation of a complex Ruby on Rails calendar raft trips organizing-software.
  - ○ Skills Learned: Ruby on Rails, Active Record, AngularJS, Heroku, PostgreSQL, Database modeling, various ruby gems

- ➢ <u>PHP Developer Intern</u> (4 weeks) - At this internship at Fuel Medical, I built an interface to monitor and manage Google Cloud Servers that was designed to eventually start/stop servers automatically.
  - ○ Skills Learned: PHP, Zend Framework 2, Google Cloud API, HTML, CSS

Jasmine Mitchell

I am a senior studying Computer Science and look forward to a career within the field in the near future. I was born and spent much of my growing up in Ontario, Canada, as well as Gilbert, Arizona. My love and experience with various seasons greatly influenced my decision to attend school in Flagstaff. I enjoy spending my free time playing video games, traveling, and creating music.

I graduated from Hamilton High School with a 3.5 GPA and high honors in 2015 and began studying at NAU the same year. I developed an interest in programming as I grew curious about the mechanics and development process of video games. This curiosity expanded into a side project of a mobile app a friend and I have been working on for the past year. Using the Phaser framework and JavaScript, we have been planning to create a collection of mini-games using characters our audience will grow to adore. The project has allowed me to sharpen my team management and communication skills as well as my familiarity with JavaScript.

Some other skills I've obtained through my academic experiences are:

- ➢ <u>Object-oriented programming</u> through core Computer Science courses. I am proficient in languages such as Python and Java
- ➢ <u>Web program and design</u> using HTML, JavaScript, CSS, and PHP
- ➢ <u>Database management</u> with MySQL
- ➢ <u>Understanding and experience using low-level languages</u> like C and MIPS Assembly
- ➢ <u>Cultural Understanding</u> through my experiences studying abroad at Hanyang University in South Korea

In addition to my growing skillset, I am always looking forward to learning more as I go.

Ruben Rincon

I was born in Mexico but was mostly raised in Eloy, Arizona apart from a brief time period where I lived in Colorado. I graduated from Santa Cruz Valley Union High School in 2013. After that I wanted a change of pace from the desert environment and decided to study computer science at NAU. My hobbies include playing video or board games, writing, and occasionally playing music.

I was introduced to programming through a special version of Lua from the ROBLOX platform. I helped develop a small word scramble mobile game app using Java and Android Studio in NAU's CS399 mobile apps course. I also took CS345, where I was able to learn the principles of database design using MySQL. Finally, I took CS386, where I worked in a team to create a small website using the Django framework.

Some other skills I've obtained through my academic experiences are:

➢ <u>C</u> - Some C skills with growing knowledge of parallel programming

➢ <u>Python and Java</u> - Practice with object-oriented concepts and programming

➢ <u>MySQL database management</u> - Introductory knowledge of MySQL database design

➢ <u>Web development and design</u> - Experience with HTML and CSS, and a little of JavaScript