Team Inventory

September 19th, 2023

Sponsored by: Dr. Elise Donovan, Sneha Vissa, Adonna Rometo

Mentor: Italo Santos

Team members: Dayra Quinonez, Nicole Sylvester,
Rino De Guzman, Bailey Rosato

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.

Nicole Sylvester
(nes237@nau.edu)

Major:
Computer Science

Hometown:
Gilbert, Arizona

Education:
Graduated from Perry High School with a 4.3 GPA. I am currently pursuing a Bachelors of Science in Computer Science at Northern Arizona University.

> **Relevant Coursework at Northern Arizona University:**
> CS312: Web development II
> CS386: Software Engineering
> CS345: Database Systems

Work Experience:
- Bioinformatics Intern at TGen North: I designed the user interface for their genomic surveillance tool, Epitools, and for their amplicon sequencing pipeline, ASAP. I also contributed to an R script for processing genomic data to color code lineages and provide data visualizations.
- Research Assistant on the Resource Resilience Database (RRDB) project: I designed and developed the front end of a mental health resource web application.

Skills:
- Web development: I am experienced with building and designing web applications for TGen and the RRDB project.
- UI/UX design: I am proficient in UI/UX design as I have designed and implemented the front-end for the RRDB project and for TGen North's internal tools using UI design tools such as Figma.
- Version control: I have proficiently utilized git and GitHub to contribute to code and track issues to ensure efficient collaboration at my research position.
- Learning new coding languages: I have quickly learned multiple programming languages through my work and class experiences including C, Java, HTML/CSS, JavaScript, Dart/Flutter, R

Other interests:
> My other interests include promoting and encouraging women in STEM, volunteering and community involvement, robotics, hiking, legos, and classic movies.

Dayra Quinonez

(dq53@nau.edu)

Major:

Software Engineering

Hometown:

Avondale, Arizona

Education:

Graduated from Agua Fria High School with a 4.67 GPA. I am currently a student at NAU pursuing a Bachelors in Software Engineering.

Relevant Coursework at Northern Arizona University:

CS312: Web development II

CS386: Software Engineering

Work experience:

Research Assistant on a community-based approach to empowered ICT infrastructure measurement: I collected, analyzed, and visualized data from survey responses.

Skills:

- Web development: I am comfortable with the languages that I learned through my courses: HTML/CSS, PHP, and JavaScript.
- UI design: I have a bit of experience in UI design as I worked on UI on my CS 386 project.
- I have experience in using GitHub repositories.
- Other languages that I have experience with through my courses are Python, Java, C, SQL, and R.

Other interests:

I enjoy watching films, going to concerts, sceneries, and adventure whether that be in real life or immersing myself in a fictional book.

Rino De Guzman

(rjd257@nau.edu)

Major:

Computer Science

Hometown:

Avondale, Arizona

Education:

Graduated from Westview High School with a 3.8 GPA. I am currently a student at NAU
pursuing a Bachelors in Computer Science with a minor in Biology.

> **Relevant Coursework at Northern Arizona University:**
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> CS386: Software Engineering
>
> BIO181 & 182: Anatomy & Physiology I/II

Work experience:

Software Engineer Intern @ Oracle: Created a release tool that simplified the team's host
patching deployment to over 80 regions. Release tool automated previously manual tasks which
resulted in a 12x improvement in time efficiency. Reduced team member load by taking
ownership and carrying out operational tasks

Skills:

- Back End Development: Through internship and classes, I learned to create efficient and
  structured programs with great readability.
- Version Control: Creating pull requests, merges, pushes, pulls, and commits
- Through nursing school, gained expertise in team-collaboration, communication, multi-
  tasking, and critical thinking skills that otherwise would not have been obtained

Other interests:

I really enjoy watching films on my projector, cooking yummy food, traveling, and taking photos
with my film camera!

Bailey Rosato

(bdr245@nau.edu)

Major:

Computer Science

Hometown:

Gilbert, Arizona

Education:

Graduated from Perry High School with a 4.5 GPA. I am majoring in Computer Science at NAU and will be graduating in May 2024.

> **Relevant Coursework at Northern Arizona University:**
> BIO 181, 182, 201
> CS386: Software Engineering
> CS345: Database Systems
> CS312: Web Programming II

Work experience:

- Engineering Intern at Palo Verde Nuclear Generating Station:
  - Conducted an engineering study on the feasibility of converting the Radiation Monitoring System to wireless by consulting system engineers and technical documentation

Skills:

- Web Development: In addition to the two web development classes I have taken at NAU, I also learned web development in a semester-long group project for my software engineering class.
- Version Control: I learned how to maintain a code base properly in the CS tools classes, which I have used for several projects throughout my college career.
- Technical Documentation: In my software engineering class, we were required to create all the proper documentation for the project before we began programming. Having the experience of writing requirements for another software will help with this project.

Other interests:

In my freetime I enjoy watching horror movies, trying new coffee shops with my friends, and doing outreach and involvement activities for women and non-binary students in computing!