**Team Member Profile:** Cyle Lainson



Relevant Classes:

Completed:

* + - **MAT316** - Linear Algebra
    - **CS301** - Ethics in Computer Science
    - **CS315** - Automata Theory
    - **CS386** - Software Engineering
    - **CS396** - Principles of Languages
    - **CS430** - Computer Graphics
    - **CS480** - Operating Systems
    - **CS499** - Contemporary Developments: Computer Security

In Progress:

* + - **CS413** - Virtual Worlds
    - **CS460** - Computer Networks
    - **CS470** - Artificial Intelligence
    - **CS486C** - Capstone

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Experience:

In high school, I had an internship at the IT Department for Tucson Unified School District. My main duties included maintaining, adding and removing the employee policies for the whole district. It also gave me direct exposure to the duties involved with being a webmaster of a major website by shadowing the webmaster for the TUSD site.

Last semester for CS386, my team chose a project to be submitted to the SCORE contest. Participating in this gave me experience with client interaction, drafting requirements, creating a design, structured program creation, and all the documentation for each step of the process. Our project revolved around a web based experience, we used Drupal to create a very complicated yet secure website.

Special Skills:

My organization skills make me an asset to my team. Communication becomes seamless by using tools like Microsoft Exchange on my cell phone to sync my calendar/schedule and have NAU emails pushed directly to my phone. Java has been my primary language since starting at NAU in 2008.

A majority of the courses I have taken have used Java, making me very comfortable with the language. Last semester, I took a CS212 web programming class that introduced a breadth of valuable tools that have made me better equipped to create a quality website for the capstone project. My curriculum at NAU has exposed me to many different languages that have given me invaluable experience in the intricacies of programming.

Proficient

* Java

Known

* Web Development (HTML, Drupal, CSS, MySQL)
* C/C++
* Scheme
* Prolog
* Assembly

Interests:

My interests include new technologies and most everything outdoors so this project caught my interest initially due to the environmental implications. I enjoy using technology to enjoy the outdoors and would like the opportunity to use technology to protect it.