

Michael Huntman

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Relevant Skills

- Java
- C#
- Python
- C/C++
- Scrum/Agile
- Git
- HTML
- MySQL
- Django
- SQLAlchemy
- GNU/Linux
- L^AT_EX

Work Experience

Gallup Omaha, NE
Software Developer Intern May 2022 - August 2022

- Learned and wrote sample articles in Gallup Spaces, a user interface for editing and organizing Gallup webpages
- Developed a stored procedure and a console application that calls it from a database, maps the returned data (articles from Gallup) to objects, and populates an HTML report with the article statistics and other relevant information
- Created a console application that calls a RESTful API from Zendesk, maps the returned JSON to objects, and inserts the objects into a database

Raytheon Omaha, NE
Systems Engineering Intern June 2021 - August 2021

- Updated requirements baseline documents by following the requirements management process
- Worked through the Path C verification process for requirements that did not meet verification criteria during a site acceptance test while following the requirement verification process
- Participated in regression testing events to understand the full system testing needed prior to sending new maintenance releases into operations

Software Engineering Intern June 2020 - August 2020

- Created auto scaling scripts to spin up multiple containers to maximize efficiency for users and developers
- Consolidated scripts to make them configurable for developers to add more features and improve performance
- Used Solace to scrape metrics on containers and deployed them through Jenkins
- Pushed changes to a Git repository and completed code reviews on Gerrit

Projects

Senior Design August 2021 - May 2022

- Worked on a small team to develop a web application to organize and display plant datasets and associated proteins
- Created an object-relational mapping for a plant protein phosphorylation database
- Set up a Mongo Server on the CSCE server to hold a Mongo database

Alignment Editor Clip for Pitivi March 2021 - May 2021

- Added functionality to scale the viewer clip to match sizing adjustments made by the alignment editor clip
- Programmed the viewer clip to match positioning of the alignment editor clip
- Communicated with Pitivi developers who live in different time zones and speak English as a non-native language

Education

University of Nebraska-Lincoln Expected: May 2023

- Major: Software Engineering
- Minor: Mathematics
- Clubs and Activities: Operating Systems and Open Source Group, Big Red Investment Club
- Achievements: Eagle Scout, Dean's List six semesters