Ian Stewart

Junior Software Engineer

Contact

720-442-1745
iansincolorado@gmail.com
Longmont, CO
jianstewart.com
LinkedIn
GitHub

Education

B.S. in Computer Science
Minor in Data Science
Minor in Business
University of Colorado Boulder
August 2021 - May 2025
GPA: 3.971
Engineering Honors Program
Dean's List (6/6 semesters)

Skills

C++, C, Python, Java
Data Analysis/Visualization
Docker
MySQL
Git

Coursework

Capstone Griffmonster LLC.
Applied Machine Learning
Functional Programming
Artificial Intelligence
Operating Systems
Data Structures
Cybersecurity
Algorithms

Experience

Student Administrative Intern
National Snow and Ice Data Center, Boulder, Colorado
May 2023 - Present
- Learned from more experienced programmers by working on projects and receiving feedback
- Developed a Python tool for converting JIRA issues to GitHub issues with minimal supervision

Lab Volunteer
National Jewish Hospital, Denver, Colorado
Summer 2022
- Conducted research in a laboratory setting
- Validated a new immunohistochemical stain for the lab, INSM1, for clinical and research use
- This research contributes to the diagnosis of patient tumors

Projects

JIRA to GitHub Ticket/Issue Converter
- Converts JIRA XML data into GitHub issues
- Uploads the issues directly to the specified GitHub project with the GitHub API
- Uses Python to handle the API calls and text interface, with a conda environment to handle the libraries

AI Art Game
- Collaborated with 5 others to create a full-stack web game
- The player decides whether or not an image was made by an AI or a human
- Used EJS with Bootstrap for the frontend logic and UI
- SQL database for the backend

Won the 2023 Plante Moran Business Case Study Competition
- Worked with a team to analyze credit card breakage
- Managed deadlines and meetings for a project with limited time
- Presented project to judges live over Zoom