Hunter Williams

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Education

BS in ***Computer Science*****,** 2024 — *Georgia Southern University* - Savannah, GA

AAS in ***Information Technology*****,** 2021, Honors — *Southeastern Technical College* - Vidalia, Georgia

Skills

Technologies: Torch, Flask, React, Astro, .NET, Oracle SQL, MySQL, MongoDB, Docker, Jupyter

Languages: C#, C++, Python, Java, JavaScript, GDScript, TypeScript, HTML, CSS, PHP

Projects

Lockstep: An Ensemble Bot Analysis (2024): *Python, ML, GNN, Behavior Analysis, Social Media*

Lockstep is a machine learning framework designed for bot-behavior detection in user behaviors and interactions observed on internet social media. The core idea is a focus on real applications through a design which prioritizes the interpretability of decisions and makes use of trends readily feasible for generalization and scaling across implementations.

Awards: 2024 HL-GA Battery Company Industry Expo – 2nd Place

http://lockstep.hwilliams.dev

Eliza Speaks / Eliza Python Translation (2024): *Python, GDScript, Language Interoperability, NLP*

A full python rewrite of the 1965 SLIP version of ELIZA by Dr. Joseph Weizenbaum, implemented on a simple web UI and as part of a Godot game development framework application. Web application built on Python using Flask and deployed with Gunicorn.

http://elizaspeaks.hwilliams.dev

Dino-Store Web App (2024): *JS, HTML DOM, CSS, Node.JS, Express JS*

Single page, fully dynamic and client-side JavaScript web application that utilizes templating architecture with DOM differing for a responsive UI experience. Runs on node.js with express, with no other dependencies.

http://dinostore.hwilliams.dev

Recent Work History

Georgia Southern University **Savannah, Georgia** *Aug.* 2023 – *Aug 2024*

IT Services – Tech Hub

- Revamped the inventory management system to a more efficient digital tracking system; financial year end equipment loss report totaled 30% less.
- Implemented a comprehensive troubleshooting protocol for Smart Classrooms in late 2023; term end report average downtime for technical issues dropped from 30 minutes to 10 minutes during work period.