

Garrett Hay

github.com/Garrett-H

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Summary

- Recent graduate of Computer Science
- 5+ years experience as IT Specialist and web assistant
- Organized contributor able to meet goals independently or within a team
- Experienced in Agile Production methodology

Education

University of Tennessee at Martin

BS in Computer Science

Martin, TN

May 2020

Experience

UT Martin Information Technology

Support Technician Assistant

Martin, TN

June 2016 - July 2020

Field Services: Preparation, installation, & continued support/repair of Windows, Apple, & Linux computers, scanners, printers, & any included accessories for staff & faculty of UT Martin. Assisted in training of new hire Student Assistants.

UT Martin Information Technology

Web Development Assistant

Martin, TN

August 2017 - May 2019

Software Monitoring: Continuous development of web pages for over 8000 users with PHP & HTML5 in Adobe Dreamweaver for web designing. Including requests by staff and faculty members on university departmental web pages & discussing design options, the repair of broken links in pages, & the updating of university webpages for following school semesters.

Languages, Certifications, & Skills

Languages: Python, C++, C#, L^AT_EX, Java, Javascript, Haskell, Clingo's ASP, HTML

Tools: Emacs, Vim, Visual Studio, Visual Studio Code, Eclipse, Git, Docker, Adobe Dreamweaver

Frameworks: .NET Core, Node.js, Electron, Express.js, Windows Presentation Foundation (WPF)

Projects

WebDocker (github.com/bremwhit/WebDocker): An Easy-to-Use, All-Purpose Platform for Running Containers on the Web. The program allows users to create, manage, & interact with their containers all through a webpage.

- Designed as a full stack web application using Docker, Node.js, Google Firebase, & NGINX.
- Created by a 3 person team for a Senior Design Seminar course.
- 1st place at ACM Mid-Southeast Chapter Conference in undergraduate programs.

MESH (https://github.com/Garrett-H/MESH): A basic command line Unix shell written to maximize efficiency of memory in the shell. Written to minimize even further the character allocation of Bash.

- Designed as a Terminal default interface application using C, linux standard libraries, & Makefile.
- Created by a single person as an attempt to run linux even lighter.

Leaping Llamas' (github.com/Garrett-H/Leapin-Llamas): A side-scrolling game where a player-controlled llama leaps between columns trying not to touch them.

- C# WPF application using the .NET framework in Visual Studio.
- Created by a 3 person team for a Senior Software Engineering course.

THECR (github.com/NicholasReid1992/THECR): A Simplified Management Solution for assisting UT Martin with the upkeep & creation of scripts to gather student data for the Tennessee Higher Education Commission (THEC) report.

- C# console application using the .NET Core framework for an Oracle Database.
- Developed by a 2 person team for a Senior Design Seminar.