

Garrett Hay

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Summary

- Recent graduate of Computer Science
- 4+ 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

Martin, TN

BS in Computer Science

May 2020

Experience

UT Martin Information Technology

Martin, TN

Support Technician Assistant

Aug 2016 - Present

Configuration & Installation: Preparation & installation of Windows, Apple, & Linux computers, scanners, printers, & any included accessories for staff & faculty of UT Martin. Assisted in training of new hire Student Assistants.

Field Services: Troubleshooting, repair, or replacement of desktops, laptops, & All-in-Ones detailed components, including storage components, motherboard, memory, wiring, screen, & expansion cards.

Web Development Assistant: Continuous development of 'utm.edu' for university staff & faculty through PHP.

Languages, Certifications, & Skills

Languages: Python, C++, C#, \LaTeX , 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)

Honors: Boy Scouts of America Eagle Scout

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.

DockerUI (github.com/lucianfreeze/DockerUI): A graphical interface to help manage any local Docker instance. Allowing the ability to easily create, view, toggle state, and delete local containers without the need to open a terminal.

- Designed as an Electron desktop application using Docker, Node.js, & Electron.
- Created by a 3 person team for a 3-day hackathon project.

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 an upper-level 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.