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   *Anticipated Graduation:* **May 2020**

Experience

UT Martin Information Technology   Martin, TN
Support Technician Assistant   *Aug 2016 - July 2020*

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)

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.