# Brett Whitson

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## Summary

Dedicated, enthusiastic, and professional programmer with over 3 years of experience seeking to contribute his training and acquired skills within a development/analyst role. Effective in problem solving and guiding project cycle from conception to completion. Quick on the uptake, eager to learn, and comfortable in both collaborative and self-driven work environments.

## Education

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| **The University of Tennessee at Martin** | **Martin, TN** |
| Bachelor of Science, Computer Science | **May 2020** |

## Skills

**Languages**: C++, C#, C, HTML, CSS, Javascript, JQuery, Java, Python3, Haskell, SQL, Bash, Lua
**Tools**: Git, Visual Studio, Atom, Docker, Emacs, Slack, Trello
**Others**: Computer Hardware/Software, Networking Fundamentals, MFD

## Experience

**The University of Tennessee at Martin**                          **October 26, 2020 - Present**
IT Technician III
- Provided assistance to student workers on issues that required elevation.
- Provided maintenance, technical support, and troubleshooting for desktops, laptops, mobile, and other devices.
- Helped to resolve technical issues with Local Area Networks.
- Developed and maintained knowledge of university systems and shared this knowledge with clients to promote computer literacy and efficient use of technology as well as a high level of customer service.
- Participated in the effective operation of the IT Help Desk by taking requests, tracking work tickets, maintaining equipment inventories.

**The University of Tennessee at Martin**                          **April 2018 - August 2020**
ITS Field Service Technician Assistant, Config/Install, IT Help Desk
- Configured and prepared incoming PC and Mac machines for the staff and faculty of UT Martin. Installed new machines for staff and faculty.
- Provided field support by diagnosing issues and implementing solutions in a timely manner. Provided technical support in person as well as via computer and phone for faculty, staff, and students at the university.
- Assisted in the training of new Help Desk and Field Services student workers on the usage of the ticketing system and other computer software we used.

**William's Sausage**                                             **October 2014 - February 2016**
Processing Department
Performed various tasks such as pallet jack and industrial blender operation, deboning, and livestock management across multiple positions in the processing department.

**Hampton Inn**                                                   **September 2011 - September 2013**
Front Desk Customer Service Representative
Performed nightly duties such as front desk reservations and check-ins, along with nightly audits of the guest ledger and training of new front desk employees.

## Projects

**Financial/Budgeting Application**: Fall 2017 - Pair programmed to create a finance application in C# using MS Access Database to track and manage spending as well as create budget plans.

**Pseudo-Theremin**: Fall 2018 - Worked as part of a team to create a theremin-like musical instrument with Python and Ruby implemented on a Raspberry Pi microcomputer using ultrasonic sensors and the Sonic Pi application.

**Bipartite Graph DFS Algorithm**: Spring 2019 - Implemented a DFS Bipartite Graph algorithm to determine whether any given graph is bipartite in four different programming paradigms(Imperative/Procedural, Object-Oriented, Functional, Logical/Constraint-based).

**DockerUI**: Fall 2019 - Contributed to, alongside two others, the creation of an intuitive user interface to better manage local Docker containers using Express.js and Electron.

**WebDocker**: Fall 2019 - Collaborated with two others to create a web solution allowing users to manage virtualized services (Docker containers) via a browser. First Place Undergraduate Presentation, ACM Mid-Southeast Conference.