

Jacob Horst

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EDUCATION

Bachelor of Science, Computer Science

The University of Southern Mississippi, Long Beach, MS
May 2020

GPA: 3.59

Associate of Arts

Mississippi Gulf Coast Community College, Perkinston, MS
May 2012

EXPERIENCE

Lead Kennel Technician

The Dawg House of Mississippi, Gulfport, MS
June 2014 - August 2020

- Managed day to day operations alongside owner
- Interviewed and trained new employees
- Helped optimize facility operations and developed procedural standards for new employees to follow
- Managed office alongside owner and helped to develop strong, lasting relationships with clients

Projects

Chatquest RPG (Spring 2020) - early prototype for a tabletop gaming software

- Worked in a small team to plan, design, and develop the software
- Followed an agile development process
- Led the design and development of the project's GUI interfaces using python tkinter
- Link: <https://github.com/John-Armentor/RPG-Project-Sp20>

8 Puzzle Solver (Fall 2018) - program that solves an 8 slider puzzle

- Coded in C++
- Utilized breadth first, depth first, and A* searching
- Link: <https://github.com/JacobHorst/8PuzzleSolver>

Resume Website (Summer 2018) - simple website built to display my resume

- Built using HTML, CSS, and PHP
- Link: <https://github.com/JacobHorst/ResumeWebsite>

SKILLS

Coding

- C++
- Python
- Java
- HTML5, CSS
- PHP
- Visual Basic

Technologies/Environments

- Windows
- Visual Studio
- Eclipse
- NetBeans
- GitHub
- MATLAB