

Joshua Dunkley

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SUMMARY

Second-year graduate student with a passion for learning and developing skills in machine learning. Currently studying various technologies to gain experience in data analyzation and visualization through various data science projects.

COMPUTER SKILLS**Languages**

- Proficient: Python
- Experience: Java, HTML/CSS, JavaScript, PHP, SQL

Software

- Database: Microsoft SQL Server

EXPERIENCE**Graduate Teaching Assistant**

Jan 2021 – Present

Middle Tennessee State University

- Assists professor in Systems Programming course through grading of student projects and re-teaching of systems concepts taught in class.

Undergraduate Research Assistant

May 2019 – Aug 2019

University of Tennessee

- Implemented a GUI using Qt and Python to visualize and process real-time time-series data with application to brain-computer interfaces.

PROJECTS**Portfolio Website**

- Developed a front-end portfolio website using HTML/CSS and JavaScript. I plan to transition the website to using Angular or React.

Path Planning Visualization

- Implemented an application using PyGame that allows users to create a world grid and visualize how path-planning algorithms, such as A* and wave front, work.

EDUCATION**B.S. Computer Science (3.94 GPA)**

Aug 2016 – May 2020

University of Tennessee - Knoxville, TN

M.S. Computer Science (4.0 GPA)

Aug 2020 – May 2022

Middle Tennessee State University - Murfreesboro, TN