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: C++, Java, C, HTML/CSS, JavaScript, PHP, SQL

Software
- Database: Microsoft SQL Server

EXPERIENCE

Graduate Teaching Assistant   Jan 2021 – Present
University of Tennessee
- Aids 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

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