

Vishwajith Matad

[Middle Tennessee State University](#) | vishwajith216@gmail.com | [Linkedin Link](#) | [Github Link](#) | +1(615)-796-6368

EDUCATION

[Middle Tennessee State University](#), Masters in Computer Science, **GPA: 3.5 / 4**, Dec 2018
SDM Institute of Technology, INDIA, Bachelors in Information Science, **GPA: 3.3/ 4**, May 2014

SKILL SET AND INTERESTS

Strong Expertise: C, C++, Python, Java, C#, HTML5, CSS3, Java Script, PHP, .NET, Git, SQL, MySQL, Oracle.

Software: Visual Studio, Eclipse, Wireshark.

SUMMARY OF QUALIFICATIONS

- Experience with Entity Relationship, Parallel and Functional programming paradigms. Experience with Object Oriented Programming. Experience with Web technologies, mac and Linux operating systems. Extremely Interested in Web Technologies, cloud and software Development.

EXPERIENCE

Middle Tennessee State University, Murfreesboro, TN ([Teaching Assistant](#)) Fall 2016 – Present

- Design and give lectures, supervise labs on **C++, Data Structures, HTML5, CSS3, Java script** and other computer fundamentals for undergraduate students.
- Evaluate student performance and provide constructive feedback through multiple labs and tests.

PROJECTS

Neural Network and Backtracking, Murfreesboro, TN Sep 2017

- Developed a neural network prototype using python. OS : linux

Parallelizing the Hot Plate problem, Murfreesboro, TN Aug 2017

- I have used following method: Pthread, Open_MP, CUDA and MPI to achieve parallelization of the program.
OS: linux, Languages: C and C++

Chat Application, Murfreesboro, TN Feb 2017

- I have developed the chat application, using socket programming, UDP (datagram socket).
OS: windows, language: Java

Time change, Murfreesboro, TN Apr 2017

- Time Change provides a graphical interface for easy use of Keras, a deep learning framework. OS: Windows, Mac OS X. Languages: HTML5, CSS, JavaScript, Python.

Sat Solver, Murfreesboro, TN Mar 2017

- Developed a sat solver using DPLL algorithm. OS: linux, Languages: Prolog and Python

Implementation of Rail Fence and Polyalphabetic Cypher, Murfreesboro, TN Jul 2017

- Performed feasibility study for Cyber security. Developed and Deployed code at the server for encrypting and decrypting the text, using the polyalphabetic and rail fence cypher. OS: Linux, Languages: C and C++

Design of a Daemon Process Acting as a TCP Proxy Server, Murfreesboro, TN Nov 2016

- Developed a proxy server that listens for TCP connections on a specified port number.
languages : java and C#