

Justin Young

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Memphis, TN

Education

Tennessee State University:

B.S Computer Science

Nashville, TN

2016-2020

Skills

Languages: Java, C++, Python, C#, HTML/CSS/Javascript, SQL

Technologies: Git, Linux

Frameworks/Libraries: Node.JS, OpenCV, sqlite3, numpy, matplotlib, Selenium

Professional Experience

Information Technology

TSU IT - Nashville, TN

August 2019 to May 2020

Worked in TSU's IT department; installed, edited, consulted, and uninstalled various educational software at Tennessee State University. I utilized Microsoft's Windows I worked while attending the university.

Ray Tracer

Personal Project

May 2020 - October 2020

I created Ray-Tracer library from scratch in C++ using C++'s standard Library. This project, so far, has sharpened my understanding in Linear Algebra/Geometry and strengthen my understanding in implementing algorithms in complex math subjects. I'm following an online PDF closely in creating the project.

Social Network

Senior Project

May 2020 - September 2020

I created a fully functional human-service social network website in Django that uses Jaccard's similarity algorithm to match friends. The website also implements a web-scraper coded in Beautiful Soup.

Motion Intensity Analyzer

Personal Project

October 2020 - October 2020

I developed an algorithm using OpenCv's library in C++ to track motion and calculate the peaks of the motion and display the time when it peaked to a file. This was found by finding the position where the derivate is equal to zero.