Darren Thompson

Rising Senior CS Student

darren.thompson200@gmail.com ✉

352-873-4753 📱

Kennesaw, GA, United States 📍

thompsond.github.io 🌐

linkedin.com/in/dothompson5 in

github.com/thompsond ⚲

I am interested in a career in Software Development.

EDUCATION

Bachelor of Science in Computer Science
Kennesaw State University

08/2018 - 05/2022

WORK EXPERIENCE

STEP Intern
Google LLC

05/2020 - 08/2020

Tasks
- Created a full stack web application that captures snapshots of Google Maps over time and maintained the data storage implementation using Google Cloud Storage and Google Drive.
- Created a design doc for the project and worked with various tools and APIs such as Google Maps API, OAuth 2.0, and Java servlets.
- This application is being used by the Core Maps team of 50+ designers and engineers to efficiently view the differences between major and minor releases of the map over time.
- Main project on GitHub: https://github.com/googleinterns/step131-2020 ↗

Computer Science Tutor/Lab Assistant
Kennesaw State University

08/2019 - 08/2020

Tasks
- Assist students with troubleshooting computer programs and hardware issues.
- Tutoring students in the following classes: Web Development, Programming 1 & 2, Data Structures, Computer Organization & Architecture, and Intro to Database Systems.

SKILLS

Java C# C++ HTML CSS JavaScript
React Git SQL Microsoft Office G Suite

PERSONAL PROJECTS

Elevator Simulator (09/2020 - Present)
- This project is a web application created with React that simulates a single-cart elevator.
- The elevator calls are handled using two priority queues: one for up calls and one for down calls.

AVMisc (12/2018 - Present)
- This project is written in Java and uses several libraries to provide the user access to various items on the system such as files, microphone, speaker, webcams, clipboard, etc.
- The program can take pictures and videos from the webcam, take screenshots, log keystrokes, upload and download files, playback and record audio files, and stream audio from the device to another computer.

WordBrain Solution Finder (06/2019)
- A project written in C++ and Java that uses backtracking and file I/O to present solutions for a puzzle in the popular mobile game WordBrain.

Hotel Project (07/2018)
- A project written in Java and C# that uses a GUI and a MySQL database to simulate a hotel reservation system.

INTERESTS

Programming Piano Basketball