

Michael Cuzzo

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EDUCATION

Southern Methodist University	Dallas, TX
<i>Bachelor of Arts in Computer Science</i>	May 2022
GPA: 3.0	
Relevant Courses: Data Structures, Assembly Language, Software Engineering Principles, Engineering Design, Database Concepts, Algorithms, Graphical User Interface, Networks & Distributed Systems	

WORK EXPERIENCE

Front End Web Developer Intern	February 2021 - April 2021
<i>RealPage</i>	Richardson, TX
<ul style="list-style-type: none">Developed a CMS web application for a top real estate company using AngularFocused on improving responsive styling, using Bootstrap, and SassCollaborated remotely part-time with a team using an agile development model	

SOFTWARE PROJECTS

Supreme Court Document Search Engine	November 2019 - December 2019
<i>C++ Developer</i>	Dallas, TX
<ul style="list-style-type: none">Created a client application to allow a user to submit a query and return a list of relevant documentsUtilized C++'s dirent and porter2-stemmer libraries to parse and index 29,000 filesCreated custom AVL tree and hash table data structures to store the indexed files	

Kruskal's vs Prim's MST Program	April 2021 - May 2021
<i>C++ Developer</i>	Dallas, TX
<ul style="list-style-type: none">Utilized C++'s Boost Graph Library to implement Kruskal's and Prim's algorithmsEmployed Python's networkx library to generate graphs dynamicallyTimed both algorithms and displayed the resulting data graphically	

Robot Design Challenge	August 2018 - November 2018
<i>Java Developer</i>	Dallas, TX
<ul style="list-style-type: none">Programmed a robot that could navigate an obstacle course and perform various tasksUtilized Java's RXTX library to program an Arduino board that was connected to various sensorsUtilized an agile methodology with my team, utilizing sprints, stand-ups, and retrospectives	

TECHNICAL SKILLS, ACTIVITIES & RELEVANT COURSES

Technical Skills/Languages: Java, C++, C, Python, JavaScript, TypeScript, HTML5, CSS3, Linux, Jupyter, Unity, ARM Assembly, MySQL, Angular, React, Sass, Bootstrap

Activities: Kappa Sigma Fraternity