

# David Connor Short

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## Education

<b>University of Colorado Boulder, College of Engineering &amp; Applied Science</b>	Aug 2022 – Present
• Bachelor of Science in Computer Science      GPA: 3.453/4.0	
<b>STEM School Highlands Ranch</b>	Aug 2018 – May 2022
• High School Diploma      GPA: 3.9/4.0	

## Relevant Coursework

**Computer Science:** Data Structures, Algorithms, Design and Analysis of Database Systems, Computer Systems, Operating Systems, Computer Aided Design, Computer Technician I A+

**Mathematics:** Calculus I & II, Discrete Mathematics, Linear Algebra, Statistics with Computer Applications

## Experience

<b>Busser and Host</b> , Via Baci – Lone Tree, CO	Aug 2020 - May 2023
<ul style="list-style-type: none"><li>Cooperated with other bussers/hosts, servers, and managers to provide an environment where we could meet the needs of several customers.</li><li>Assisted the servers and bartender to ensure they were able to provide the best service possible to the customers as well as making sure the steps of service were completed in a timely manner.</li><li>Communicated with other hosts to effectively seat the most amount of customers at any given time and made sure that the restaurant was always clean and ready to bring in more service.</li></ul>	
<b>Server</b> , Via Baci – Lone Tree, CO	May 2023 - Aug 2023
<ul style="list-style-type: none"><li>Managed and served a section of up to 15 tables at a time, making sure that the customers had their needs met as quickly and as efficiently as possible.</li><li>Gained and refined skills such as time management, problem solving, and critical thinking when serving customers and staying on top of each task given to me.</li><li>Upheld a good image for myself and the restaurant to ensure the quality of the current service as well as guaranteeing a promising service in the future.</li></ul>	
<b>Food Runner</b> , My Neighbor Felix – Boulder, CO	Oct 2024 - Present
<ul style="list-style-type: none"><li>Aid the flow of the restaurant by ensuring that the customers food is delivered swiftly and correctly to them in order to maximize revenue.</li><li>Support coworkers by assisting them in their responsibilities such as cleaning tables, taking orders, stocking, etc.</li></ul>	

## Technical Skills

**Languages:** C, C++, R, SQL, HTML, CSS, Python, Shell Scripting, Git,  $\text{\LaTeX}$

## Projects

<b>Multi-threaded DNS Resolver</b>	2024
<ul style="list-style-type: none"><li>Developed an application that utilized a shared array to resolve hostnames to their respective IP addresses in a thread-safe environment.</li><li>Tool Used: C</li></ul>	
<b>Multi-Structured Database</b>	2023
<ul style="list-style-type: none"><li>Developed a database that would organize top &lt;#&gt; IMDB movies into different data structures such as a hash table and skip list.</li><li>Tool Used: C++</li></ul>	