

## Education

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<b>Logan, UT</b>	<b>Utah State University</b>	<b>Aug. 2023 – Current</b>
<ul style="list-style-type: none"><li>• Currently enrolled in a B.S. in Computer Science.</li><li>• Relevant Coursework: Programming Languages, Operating Systems, Object-Oriented Programming, Data Structures, Databases, Algorithms, Calculus I - II, Discrete Math.</li></ul>		

## Technical Skills

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- Languages: Python, Java, JavaScript, CSS, HTML, C#, Haskell, Postscript.
  - Frameworks and Libraries: React.js, Express.js, Node.js, Django, .NET, SQL Express, SQLite, Leaflet.
  - Tools: Visual Studio, Linux, SQL Server Management Studio, Mermaid, Visio, Microsoft Office.

## Employment

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<b>Sales Representative</b>	<b>Motion Control Engineering</b>	<b>May 2022 – Aug. 2022</b>
<ul style="list-style-type: none"><li>• Efficiently navigated and utilized the company's integrated sales order system to process, track, and update customer orders, contributing to seamless order fulfillment and accurate record-keeping.</li><li>• Managed a high volume of incoming sales and customer service calls, effectively guiding conversations, clarifying information, and offering helpful solutions.</li><li>• Distributed key sales data to relevant teams across various internal departments in the company.</li></ul>		
<b>R&amp;D Intern</b>	<b>Motion Control Engineering</b>	<b>May 2025 – Aug. 2025</b>
<ul style="list-style-type: none"><li>• Engineered an internal web application for automated generation of detailed elevator traffic analysis reports from certain provided datasets.</li><li>• Developed and documented comprehensive web application architectures and user flows, leveraging tools such as Visio and Mermaid to produce detailed diagrams. Applied and acquired proficiency in various algorithms essential for supporting these analyses.</li><li>• This project was developed utilizing .NET Core and the Entity Framework for data persistence. SQL Express served as the foundational database. Essential web services were implemented through the construction of Web APIs. Additionally, libraries such as iText7 and Scriban were integrated to facilitate the generation of required reports.</li></ul>		

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<b>Projects</b>	<b><a href="https://github.com/RyanLewalski">https://github.com/RyanLewalski</a> / <a href="https://gitlab.com/RyanLewalski">https://gitlab.com/RyanLewalski</a></b>
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<b>Graphing Algorithm Visualizer</b>	<b>Javascript</b>
<ul style="list-style-type: none"><li>• Developed a web application in a two person team, enabling users to interact with a visual map to demonstrate and compare the real world applications and performance of various graphing algorithms.</li><li>• The web application has been designed to be highly accessible and informative, allowing users to view real-time statistics and select their own custom routes for enhanced usability.</li><li>• Developed a React.js frontend with an Express.js backend, integrating interactive maps using Leaflet and OpenStreetMap (OSM) data for dynamic visualization.</li></ul>	

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<b>Time Management Application</b>	<b>Python, Javascript</b>
<ul style="list-style-type: none"><li>• Developed an application that facilitates time tracking for employees, specifically enabling manual input of clock-in and clock-out times. The application also provides a summary of time worked within a pay period, alongside an indication of remaining work hours.</li><li>• The application features a user-friendly interface with customizable date displays based on the selected pay period length. This includes a calendar based date selection for effortless navigation between pay periods, as well as informative statistics to aid in tracking relevant data.</li><li>• Developed the user interface and user experience components utilizing React.js. Integrated the backend functionalities using the Django framework. Implemented SQLite for data persistence, managing time collection records and user-generated notes.</li></ul>	

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<b>Personal Website</b>	<b>JavaScript, HTML, CSS</b>
<ul style="list-style-type: none"><li>• Created a personal website to showcase my skills and experience background</li><li>• Created dynamic animations to show the different types of technology I have worked with. Also used a clever node system to display my previous work experience.</li><li>• Used GitHub to host my personal website through the use of GitHub pages.</li></ul>	