

# Gordon Lewis

[gordonrl@umich.edu](mailto:gordonrl@umich.edu) | (734) 355 5358  
[www.linkedin.com/in/gordonrl302](https://www.linkedin.com/in/gordonrl302)

## Education

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**University of Michigan - Ann Arbor, MI**

**Expected: April 2025**

B.S. In Computer Science & Minor in Music - GPA: 3.73, University Honors all terms

**Community High School**

**May 2021**

GPA: 4.0

## Work Experience

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**City of Ann Arbor**

**May 2021 - Present**

*Dockhand (2021) Driver (2022) Supervisor (2023)*

*Ann Arbor, MI*

- Provided assistance and monitored safety for recreational aquatic activities such as kayaking.
- Chauffeured customers by van to various recreational locations.
- Facilitated equipment and customer transport for longer-distance river trips.

**Planet Rock Climbing Gym**

**May 2022 - March 2023**

*Coach*

*Ann Arbor, MI*

- Supervise groups of 8-12 children aged 5-15.
- Work with young athletes to develop discipline, a love for climbing, and passion for competition.
- Teach safety and skill through structured lesson plans focusing on diverse aspects of climbing.

## Relevant Projects and Skills

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- *Theory Helper* (personal): Desktop application that explains music theory via user-inputted chords.
- *Machine Learning*: Developed ML model to predict the category/topic of student questions from an online forum.
- *Stock Market Simulator*: Reskinned simulation of buying and selling stocks including a streaming algorithm to determine optimal buying and selling points.
- *Computer Vision*: Intelligently resized images to avoid distortion via a seam-carving algorithm.
- *Relational Database*: Simplified relational database able to respond to Structured Query Language commands.
- C++ proficiency, JavaScript/HTML/CSS
- Spanish Proficiency

## Extracurriculars and Awards

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- Winner of New York Times High School Personal Narrative Contest
- University of Michigan Climbing Team and Climbing Club Trip Chair
- Writer for University of Michigan Soccer Society Blog
- Classical and jazz flute, jazz saxophone, guitar
- Black Belt in Ninjutsu

