

# Adam Gunn

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## SUMMARY

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Passionate and team-oriented second-year undergraduate student studying computer science with an interest in web development. Knowledgeable in building beautiful webpages that excite users. Excels at collaborating and communicating with peers to accomplish tasks both in and out of a programming environment.

## SKILLS

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- **Coding:** HTML, CSS, JavaScript, React, C++, Node.JS, Git, MySQL, PHP
- **Talents:** teamwork & communication, creativity, problem solving
- **Other:** Adobe Illustrator & Photoshop, graphic design, Mandarin Chinese (intermediate)

## PROJECTS

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**RolyPolly** – <https://rolypolly.herokuapp.com>

- Web app to create, discuss, and vote on polls in real time
- Option to create polls on music retrieved via the Spotify Web API
- Frontend designed with React, HTML and CSS
- Backend developed with Node.JS, Express, MongoDB, and WebSockets

### Personal website

- Frontend developed with HTML, CSS, and vanilla JavaScript
- Signup and login functionality using a PHP script and MySQL database
- Includes two small games coded in JavaScript using DOM and Canvas APIs

### Top-down 2D game made in the Godot engine

- Action shooter level prototype developed in GDScript with some original art/sprites

### Euchre simulation

- C++ program simulating the card game euchre

### Pathfinder algorithm

- C++ program that finds a path through a building using stacks and queues when given a layout input

## EDUCATION

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### University of Michigan

*BSE, Computer Science*

**Apr. 2024**

*Ann Arbor, MI*

- Currently completing courses in data structures and algorithms as well as linear algebra, maintaining a 3.83 GPA
- Included on Dean's Honors List for Fall 2020 and Winter 2021 semesters
- Member of Michigan Hackers, a computer science-focused club
- Member of Michigan men's club water polo team

## WORK EXPERIENCE

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### Chicago Park District

*Seasonal Lifeguard*

**Jul. 2018 – Aug. 2021**

*Chicago, IL*

- Maintained responsibility for the safety of hundreds of swimming patrons at a public pool
- Completed multiple rescues, saving several patrons from potential harm
- Upheld various Red Cross certifications, including those for CPR and first aid
- Performed regular safety equipment checks
- Coordinated daily schedules and assignments for other lifeguards to ensure full coverage
- Informed patrons on pool safety guidelines