

Zach Lefkowitz

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<https://i-am-zach.github.io/>

(847) 707-7083

Education

University of Maryland – College Park
Bachelor of Science in Computer Science

College Park, MD, USA
Aug 2021 - May 2024 (Expected)

Skills and Relevant Coursework

Programming Languages: Python, JavaScript, TypeScript, HTML, CSS, Java, Go, C++

Programming Frameworks/Technologies: React, Vue, Angular, Svelte, Django, Flask, FastAPI, Express, TypeORM, GraphQL, AWS, GitHub, Bitbucket, Google Cloud, PostgreSQL, MongoDB, Firebase

Relevant Coursework: Discrete Structures, Object Oriented Programming II, Object Oriented Programming I, Calculus II, Physics with Calculus

Work Experience and Projects

Manifest

Junior Frontend Web Developer

Chicago, IL

May 2021 - Aug 2021

- Programmed in advanced web technologies like React and TypeScript while working closely with UI designers, UX designers and other developers to deliver new features and patch bugs
- Small startup environment lead to larger role within the company with more responsibility and independence in implementation
- Worked within the AGILE software development process to develop code in a team environment

Redveil Merchandise Store

<https://redveil.co/>

College Park, MD

Sep 2021 - Present

- Full-stack E-Commerce website built for Maryland rapper Redveil (~600,000 monthly listeners on Spotify)
- Using custom backend solution, created preorder system for merchandise
- Takes credit card payments over secure connection

UIUC Course Statistics

<https://uiuc-course-stats.vercel.app/>

Urbana, IL

Mar 2021 - Apr 2021

- Data driven React application built using published grade statistics from the University of Illinois
- Generates custom histograms and sunburst charts for the distribution of grades for every course offered at the University of Illinois to help students anticipate how difficult their schedule will be

Coding for a Cause

<https://codingforacause.netlify.app/>

Deerfield, IL

Dec 2020 - Mar 2021

- Leveraged markdown files to statically bundle HTML, CSS, and JavaScript files to create a highly performant informational website

Leadership Experience

Coding for a Cause

Leader, Founder

Deerfield, IL

Aug 2020 - May 2021

- Organized weekly meetings to teach students how to create websites using modern web technologies like HTML, CSS, JavaScript, Vue, Express, and MongoDB
- Collaborated with local businesses and non-profits to provide them with free dynamic web applications

Model United Nations

Captain

Deerfield, IL

Aug 2020 - May 2021

- Model United Nations simulates a United Nations committee on specific topic(s) and has students engage in formal debate and professional writing; demonstrates ability to work with others and confidently deliver oral presentations
- Curated weekly presentations and activities to help students prepare for conferences
- Awarded first place at multiple competitions for best delegate

The Flipside

Editor-in-chief

Deerfield, IL

Aug 2019 - May 2021

- The Flipside is Deerfield High School's satirical weekly newspaper that creates discourse on topics within the school and in popular culture
- Managed large group of writers, assigned deadlines, and lead brainstorming sessions to create article topics for the week

Awards and Scholarships

- University of Maryland President's Scholarship (2021)
- Deerfield High School Computer Science Achievement Award (2019, 2020, 2021)
- Deerfield High School Friends of the Arts Award for Excellence and Creativity in Graphic Design (2021)
- National Merit Commended Student (2020)