

# Isabel Boufarah

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Portfolio: <https://isabel-boufarah.github.io/portfolio/>

## Education

**Washington University in St. Louis** | St. Louis, MO

May 2025

- B.S. in Computer Science, Minor in Human Computer Interaction
- GPA: 3.92, Dean's List (All semesters)
- Relevant Coursework:  
Data Structures and Algorithms  
Analysis of Algorithms
- Activities: Varsity Track & Field

Object Oriented Software Development  
Creative Programming and Rapid Prototyping  
Human-Centered Design

## Experience

**Software Engineering Intern, Mozi** | St. Louis, MO

June-Aug 2024

- Contributed to the event management web app by using React to build front-end features and writing API endpoints to access databases
- Designed and implemented an announcement feature using Web Sockets and MongoDB Change Streams to allows users to send and receive messages in real time
- Implemented an agenda feature allowing users to add, view, and delete agenda items for events

**Software Engineering Intern, Square** | Remote

May - Aug 2023

- Shadowed a sprint team of Full Stack Web Developers in the Banking Organization where I contributed to four repositories, led a sprint and consistently communicated with cross functional partners
- Planned and implemented a survey feature to gain information that will impact the underlying loan decision process
- Led the front-end development of an Intern Hack Week Project using React to implement a chat box which allows employees to ask questions about databases and receive responses in written, table and graph format

**Computer Science Tutor, Washington University in St. Louis** | St. Louis, MO

Sep 2022 - Present

- Conducted weekly 1:1s with students where I use verbal, written, and visual explanations to ensure students understand course concepts

## Projects

**Lana Del Rey Microsite** | Front-End Design & Development

Spring 2024

View here: <https://isabel-boufarah.github.io/portfolio/lana-del-rey/index.html>

- Designed and developed an informational site for the artist Lana Del Rey using HTML, CSS, and JavaScript to implement communication design principles and responsive design

**Collegiate Athlete Injury Experience** | UX Case Study

Fall 2023

Read here: <https://medium.com/@iboufarah/collegiate-athlete-injury-experience-a-ux-case-study-14d0f7090610>

- Conducted user research on injured athletes and analyzed the data in order to design a mobile app solution

## Skills

**Programming Languages & Frameworks:** Java, Javascript, HTML, CSS, React

**Tools & Other Skills:** Git, Github, Figma, Responsive Design, Wireframing, UX Research