Isabel Boufarah

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

Education

Washington University in St. Louis — May 2025

- B.S. in Computer Science, Minor in Human Computer Interaction
- <u>GPA</u>: 3.92, Dean's List (All semesters)
- <u>Relevant Coursework</u>:
  - Data Structures and Algorithms
  - Analysis of Algorithms
  - Object Oriented Software Development
  - Software Engineering for External Clients
  - Human-Centered Design
- <u>Activities</u>: Varsity Cross Country, Track & Field (Winter & Spring), Student Life Web Developer & Designer, Computer Science Tutor

Experience

Web Developer & Designer, Student Life Newspaper | St. Louis, MO — Sep 2024 - Present

- Contributed to redesign effort by designing Figma mockups and implementing them in Wordpress

Software Engineering Intern, Mozi, LLC | St. Louis, MO — June - Aug 2024

- Contributed to the event management web app using Next.js to build new features and write API endpoints
- Designed and implemented a real-time messenger system using Web Sockets and MongoDB Change Streams
- Implemented an agenda feature by writing efficient queries for PostgreSQL allowing users to add, view, and delete agenda items for events
- Redeveloped the desktop-only web app to a fully responsive site, enhancing usability across all devices

Software Engineering Intern, Block, Inc. | New York City/Hybrid — May - Aug 2023

- Joined an agile 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
- Implemented and tested a survey feature to gain information that will impact the 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 - May 2024

- Conducted weekly 1:1s with students where I used diverse explanations to ensure course comprehension

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

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, Typescript, React, HTML, CSS, d3.js

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