

Joshua Ibrom

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Education

Texas A&M - San Antonio

08/2017 - 05/2024

Bachelor of Science in Computer Science

Skills

Languages: JavaScript / TypeScript, Python, Rust, Zig, Java, BASH, PowerShell, HTML, CSS.

Web Frameworks / Libraries: React, Next.js, Astro, Svelte / SvelteKit, Vue.js, Node.js, Express.

Other Technologies: GNU/Linux, Vim, Git, Firebase, MongoDB, Cascade CMS, SiteImprove, Jira, \LaTeX .

Projects

Fossil Finances (🔗: Joshua-Ludolf/FossilFinances)

02/2024

Tech Stack: React, Tailwind, Flask, Firebase

Description: A simple elderly-friendly and accessible banking application using React on the frontend, and Flask on the backend, built with two others for RowdyHacks 2024. Winner of the hackathon's Swivel challenge.

Blog.JoshuaIbrom.com (🔗: sk3p7ic/blog.joshuaibrom.com)

01/2024

Tech Stack: SvelteKit, Tailwind, Remark / Rehype

Description: A personal blog using SvelteKit and Remark / Rehype for rendering posts written in Markdown.

HackSA Website (🔗: https://hack-sa.vercel.app/) (🔗: acm-tamusa/HackSA-Website)

10/2023

Tech Stack: Next.js, Tailwind, Firebase

Description: The website for TAMU-SA's HackSA hackathon. I helped assist other members with understanding the code forked from acmutd/hackportal in addition to writing new API endpoints and other miscellaneous features on the site.

ApartMate

03/2023

Tech Stack: React, Tailwind, DaisyUI, Firebase

Description: Built for RowdyHacks 2023, this project aimed to give users a Tinder-like experience for apartment hunting. Built with the assistance of two other people, I mainly worked on the frontend UI and application state.

JoshuaIbrom.Com (🔗: joshuaibrom.com) (🔗: sk3p7ic/astro.joshuaibrom.com)

12/2022

Tech Stack: Astro, Tailwind, HTML, CSS, Markdown, Svelte

Description: My personal portfolio website, featuring static generation and Svelte for navbar state on smaller viewports.

Work Experience

Student Worker. San Antonio, Tx

08/2023 - Current

Texas A&M - San Antonio Information Technology Services Web Team

- Helped assist the Web Team in managing University websites in Cascade CMS through the creation and maintenance of pages.
- Remedied broken links found on University pages, using SiteImprove to identify said broken links.
- Acted as a member of a team which developed a new website using HTML and a mixture of Bootstrap, custom CSS, and JavaScript.
- Implemented new versions of a production PHP-based web application based off specific requirements, such as to implement parameter validation and state management.

Student Worker. San Antonio, Tx

09/2017 - 01/2022

Texas A&M - San Antonio University Police Department

- Performed public speaking, general security, and report writing in addition to lab inspections, chemical inventories, project correspondence, and general office work.

Awards: *Civilian Employee of the Year Award*, 2021; *Chief's Commendation Award*, 2020; *Certificate of Merit*, 2018 & 2019.

Interests & Activities

RowdyHacks 2024 – Hacker / Participant, Winner

Built a webapp for the hackathon's Swivel challenge with two others which provided an elderly-friendly and accessible banking solution. I focused more on state management and general project guidance.

HackSA 2023 – Organizer / Web Team

Helped organize and run my university's first overnight hackathon in addition to building / maintaining its website.

TAMU-SA ACM – Logistics Officer

Officer and member of my university's Association for Computing Machinery club. Led 2 workshops covering HTML & CSS.

RowdyHacks 2023 – Hacker / Participant

Participated and built a webapp with two other students in my ACM club.

SoHacks 4 & 5 – Mentor

Assisted competitors with various issues that they had with their code. Also helped teach others how to start programming.

CyberPatriot – Mentor

Taught competitors information that they would need to know for the competition, focusing on GNU/Linux.