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

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   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.

Sorting-With-Svelte (🔗: sorting-with-svelte.vercel.app) (⌂: sk3p7ic/sorting-with-svelte)   09/2023
    Tech Stack: Svelte
    Description: A simple Svelte webapp designed to visualize how several popular sorting algorithms function. Available algorithms are Bubble Sort, Insertion Sort, Selection Sort, Merge Sort, Quick Sort, and Heap Sort.

ApartMate   03/2023
    Tech Stack: React, Tailwind, DaisyUI, Firebase
    Description: Built for RowdyHacks 2023, this project aimed to given 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.

JagTrucks (⌂: sk3p7ic/wad-JagTrucks) (⌂: sk3p7ic/wad-JagTrucks-backend)   07/2022
    Tech Stack: React, React-Bootstrap, Express, MongoDB, Node, JavaScript
    Description: My project that my partner and I worked on for my Web Application Development course. This website uses React for the frontend and an Express server for the backend with the goal of creating a more unified way for students on campus to view the food trucks that serve the university, as well as a way for those trucks to manage their data on the website.

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, all tracked in Git and hosted on GitLab.

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

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.