

# 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, Java, Rust, Zig, BASH, PowerShell, HTML, CSS.

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

**Other Technologies:** Git, GNU/Linux, Vim, Firebase, MongoDB, Cascade CMS, SiteImprove, Jira, L<sup>A</sup>T<sub>E</sub>X.

## Projects

**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](https://sorting-with-svelte.vercel.app)) (🔗: [sk3p7ic/sorting-with-svelte](https://sk3p7ic/sorting-with-svelte))

**09/2023**

**Tech Stack:** Svelte

**Description:** A simple Svelte webapp designed to visualize how several popular sorting algorithms function. The 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 give users a Tinder-like experience for apartment hunting. Built with the assistance of two other people.

**JoshuaIbrom.Com** (🔗: [joshuaibrom.com](https://joshuaibrom.com)) (🔗: [sk3p7ic/astro.joshuaibrom.com](https://sk3p7ic/astro.joshuaibrom.com))

**12/2022**

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

**Description:** My personal portfolio website, now featuring static generation and detailed project pages. Some Svelte is used for navbar state on smaller viewports.

**JagTrucks** (🔗: [sk3p7ic/wad-JagTrucks](https://sk3p7ic/wad-JagTrucks)) (🔗: [sk3p7ic/wad-JagTrucks-backend](https://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 TAMUSA-owned websites in Cascade CMS through the creation and maintenance of pages.
- Aided in the deployment of a new web application built using the LAMP stack.
- Additionally, I created a new website using a specification document in which the customer detailed the overall look of the site.

**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.

**Boy Scouts of America** – Eagle Scout

Was an active member of my troop, achieving Eagle Scout and Brotherhood in the Order of the Arrow.