David Sosa

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EDUCATION

Gonzaga University   **Spokane, Washington**
Bachelors of Arts in Computer Science - Minor Economics   *Expected Graduation: May 2026*

Relevant Skills

Programming Languages/Software:	Python | JavaScript | Java | R | SQL | C++/C | PowerPoint | Excel
Frameworks/Libraries:	Next.js | MongoDB | PostgreSQL | Selenium | Shadcn | DaisyUI
Relevant Coursework:	Full-stack Web Development | Software Development | Linux & DevOps
	Data Structures & Algorithms | Operating Systems | Regression Analysis

Personal Projects

Cooked - DoorDash Mockup
- Cooked is a DoorDash mockup that's a **Full-stack project.**
- **MongoDB** is used as the database, **Express.js** for the server side, **React.js** for the frontend development, and **Node.js** for the backend development.
- Project built in order for local chefs to be able to sell their food to **local communities** at much more **affordable prices**. Food may also be more authentic than other food/restaurants nearby.

Personal Website
- **Built** a personal website using **Vanilla Javascript, HTML, and CSS.**
- **Hosted** on Github Pages: https://davidg7672.github.io/davidsosa.github.io/

Nike/SNKRS Automation Bot
- Built a sneaker buying bot in **Javascript** that monitors for multiple exclusive drops and performs automated purchases.
- **Web scraped** with the BeautifulSoup, and **organized data** and generated actions using the **Selenium** library to execute everything.

JetLagged
- **Full-stack** project with the **Vite** framework for **efficiency,** aimed to lower Jet Lag when entering different countries.
- Combination of **React.js** and **Shadcn UI** was used to **construct** the frontend.
- Calculator tells you what time you should sleep in order to avoid Jet Lag as much as possible.

Technical Experience

Marathon Digital Holdings ($MARA) - Hybrid   **Las Vegas, Nevada**
Data Engineering/Research Intern   *June 2024 - August 2024*
- **Assisted** with **developing ETL pipelines** and **data processing scripts** for Bitcoin mining data that gained from research sites.
- **Worked with a strong team** in order to create efficient solutions that lowered overall OPEX.
- **Helped** manage **data migration** from Oracle Database to **PostgreSQL** and **Handled data synchronization** with different **database systems.**

Additional Skills

Languages:	English | Spanish | Portuguese | Thai
Hobbies:	Running | Rugby | Jiu Jitsu | Cooking