

# Sam'an Herman-Griffiths GA, Full-Stack Engineer

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## TECHNICAL PROFICIENCIES

Vanilla JavaScript | Python | Flask | Node.js | Express.js | Sequelize | PostgreSQL | React.js | Redux | Monooose | Nuxt.js | SQLAlchemy | Recursive Algorithm Synthesis | OOP | Responsive Web Design | Low-Latency Server-Side Programming | Regular Expressions | Cors

## SOFTWARE ENGINEERING PROJECTS

**Full 7pc Portfolio** | <https://www.samanhg.com/>

**Asteroid Juggler: Arcade Game** | <https://asteroid-juggler.surge.sh/>

- Simplified and translated principles of physics into game logic that would create believable gameplay for the user.
- Utilized the D.R.Y. principle to make my Javascript, HTML, & CSS code base presentable and readable to others.
- Exceeded M.V.P. by embedding gameplay music and using HTML canvas and creating a custom sprite sheet to aid in animation; neither of those skills had been taught to us yet.

**Hail: Video Game Blog** | <https://hail-gaming.herokuapp.com/>

- Planned, organized, and led a group project to synthesize a PERN Full Stack App in five days.
- Delegated and scheduled tasks to assure the timely completion of our project.
- Leveraged GitHub to manage progress by creating and merging branches, rolling back commits, etc.

**ReSource Full: Resource Database** | <https://resource-full.herokuapp.com/>

- A MERN Stack blog, created to act as a resource library full of links to pages that others found helpful in their learning process.
- Researched and implemented elements of the Bootstrap library for React.
- Set up an easy-to-manage file structure to organize folders and files.
- Utilized Recursive algorithms to display user interactions as quickly and with as little code as possible.

## KEY EXPERIENCE

**Software Engineering Fellow**, General Assembly

**07/2021 – Now**

- Created and deployed three full-stack, and five static web applications.
- Practiced leveraging the knowledge of both teammates and superiors to plug any holes in my understanding.
- Learned a wide berth of technologies through both self-study and the direction of my superiors.
- Committed to spending at least an hour daily to assist teammates in solidifying their understanding of new concepts.

**Kitchen Manager**, Viet Nom Nom

**03/2020 – 06/2021**

- Started as an Assistant Manager but negotiated a promotion and pay-raise when the Kitchen Manager left in September 2020
- Cooperated with delivery service representatives to resolve payment issues on behalf of the customer and, at times, the company.
- Troubleshoot delivery and point-of-sale application issues.
- Ensured that the store was always clean and presentable. There were parts of the store that I cleaned (to set a precedent and standard), and would subsequently instruct the team to clean, that I was told hadn't been cleaned for over a year (some for multiple years) before my arrival. I don't say this as a slight to the previous management, I say this to show that I have experience in influencing the status quo and getting teams on board with performing to higher standards than they are used to.
- Collaborated with the CEO in developing strategies that would help us properly navigate the market amid the COVID crisis.
- Troubleshoot delivery and point-of-sale application issues.
- Polled customers to gauge general opinion on how we were handling the COVID crisis and context for how we might better tailor our experience to their wants and needs.
- Fostered good relationships with several of our supply representatives that ended up yielding dividends in the form of free supplemental servicing provided for almost four months from one and the waiving of all delivery fees from two others.
- Interviewed candidates, trained new hires, and aided the CEO in making firing decisions.

## EDUCATION

**Niles West High School**

**Skokie, IL**

Diploma

**08/2012 – 12/2015**