

# William Stewart

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## PROFESSIONAL SUMMARY

Motivated Computer Science student at the University of Houston (Expected Dec 2025) with hands-on experience building full-stack web apps in React, Node.js, and MySQL. Comfortable across the stack and Git-centric workflows. Collaborative team contributor seeking software engineering and development roles.

## EDUCATION

### University of Houston

*Bachelor of Science in Computer Science*

Houston, TX

*Expected Dec 2025*

### Lone Star College

*Associate of Science in Computer Science*

Houston, TX

*May 2022*

## PROJECTS

### Natural Language Processing Search Engine | *Python, NLP, Flask*

Aug 2025 - Present

- Designed and implemented a search engine capable of interpreting natural language queries.
- Applied text preprocessing (tokenization, stopword removal, TF-IDF/embeddings) for query-document matching.
- Built RESTful endpoints with Flask to serve ranked results.
- Tested retrieval accuracy and optimized performance with real-world datasets.

### Volunteer Coordination & Event Management System | *PHP, HTML/CSS, MySQL*

June 2025 - Aug 2025

- Delivered a web app that supports **user authentication**, **admin dashboards**, and **profile management**.
- Built **volunteer matching** and **event management** (create/update/delete) with server-side validation.
- Added a **notification system** and **participation history** to track involvement across events.
- Standardized UI via a `global.css` style system; organized PHP pages into clear frontend/backend roles.

### E-commerce Full-Stack Web Application | *React, Node.js, MySQL, Azure, Vercel*

Jan 2025 – Apr 2025

- Built with a 4-person team: product browsing, auth, and cart/CRUD flows backed by REST endpoints.
- Implemented reusable React components and form handling; secured routes and session flows.
- Designed/queried MySQL schema; wrote API routes for CRUD and transactional updates.
- Deployed frontend to Vercel and backend/database to Azure; tuned env config for seamless integration.

## WORK EXPERIENCE

### Server

Aug 2024 – Present

*Bluewater Seafood*

*Houston, TX*

- Serve 50+ guests per shift with consistent hospitality; resolve issues to maintain high CSAT.
- Coordinate with staff to keep service fast and accurate in high-volume periods.

### Outdoor Youth Enrichment Counselor

Jun 2022 – Sep 2023

*D. Bradley McWilliams YMCA*

*Houston, TX*

- Led activities for 25+ campers; designed challenges that promoted teamwork and problem solving.
- Mentored youth, mediated conflicts, and built leadership in group settings.

### Construction Worker

Jan 2016 – Dec 2019

*Credence Construction*

*Houston, TX*

- Remodeled residential properties; followed safety protocols and interpreted build plans.
- Maintained tools and site readiness across concurrent projects and timelines.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, C++

**Web:** HTML, CSS, React, Node.js

**Databases:** MySQL

**Tools:** Git, VS Code, npm