

James Gonzalez

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SUMMARY

Dedicated Computer Science student with a passion for programming and overall problem-solving, seeking an internship role in Software Development/Engineering. Currently pursuing a Bachelor of Science while perpetually improving skills in data structures, algorithms, and Java, Python, and JavaScript proficiency.

PROGRAMMING SKILLS

Java, Python, HTML, CSS, JavaScript, SQL (sqlite3), Git, Node.js, Flask, Bootstrap, React, MongoDB.

EDUCATION

University of Houston-Clear Lake

Expected Graduation: December 2025

Bachelor of Science in Computer Science

GPA: 3.85

Relevant coursework: Introduction to Programming, Advanced Data Structures and Algorithms, Computer Organization and Architecture, Software Engineering, Modern Software Design Development, Machine Learning.

PROJECTS, AWARDS & COURSE COMPLETIONS

File-Based Router (Inspired by Next.js)

June 2024

- ❖ Developed a file-based routing system inspired by Next.js to manage URL paths based on the project's file structure.
- ❖ Involved creating a dynamic and scalable routing mechanism that automatically maps files and directories to corresponding routes, enhancing web app organization.

High Alchemy Profit Checker

May 2024

- ❖ Java-based, in-game plugin contribution to an open-source client for popular MMORPG RuneScape.
- ❖ Overlay highlights which items generate a positive profit upon high alchemy enchanting compared to listing the item onto the in-game marketplace.

The Odin Project – Full Stack JavaScript Path

June 2023

- ❖ Learned front-end web development while using advanced HTML and CSS methods to create projects to custom-fit various devices.
- ❖ Advanced JavaScript applications put to practice DOM manipulation, object-oriented programming principles, and introduction to React framework.
- ❖ Back-end projects held with Node.js while also using non-relational database, MongoDB.

Harvard CS50 Course Completion

February 2023

- ❖ Completion of Harvard University's comprehensive and rigorous programming course covering various concepts such as algorithmic thinking and problem-solving in C, Python and Flask.

NSF – S-STEM Scholarship

Fall 2023

- ❖ The National Science Foundation-funded program to support academically talented, low-income students pursuing STEM disciplines.

EXPERIENCE

Houston Methodist Hospital | Call Center Agent

March 2018 - Present

- ❖ Utilized courteous and professional telephone techniques and interpersonal skills to establish and maintain rapport with patients, physicians, and various hospital personnel.
- ❖ Helped coordinate and resolve referral issues with patients by exhibiting exceptional verbal and written critical thinking skills.