

# DARREN CHEN

11972 Cinnamon Fern Dr, Riverview, FL 33579

☎ 813-476-5292 ✉ [DarrenChenCS@gmail.com](mailto:DarrenChenCS@gmail.com)  [linkedin.com/in/darrenchencs](https://www.linkedin.com/in/darrenchencs)  [github.com/DarrenChen2025](https://github.com/DarrenChen2025)

## Education

### University of Florida

Jun. 2021 – May 2025

Bachelor of Science in Computer Science, Certificate in AI Fundamentals **GPA: 3.43**

Gainesville, FL

## Relevant Coursework

- Data Structures and Algorithms
- Programming 1/2
- Discrete Structures
- Computer Organization
- AI Fundamentals
- Intro To Software Eng.
- Programming Language

## Projects

### Devsearch (Link) | Python, Django, S3, Heroku

Nov. 2023 - Dec. 2023

- Developed a full-stack web application using the **Django** framework, featuring user authentication, profile management, and dynamic content rendering.
- Integrated **AWS** services, including **S3** for file storage and **RDS** for database management, to efficiently handle user-uploaded files and store critical data such as profiles and projects.
- Designed and implemented a **REST API** to facilitate data sharing and enhance the application's interactivity and accessibility.
- Managed cloud-based deployment on **Heroku**, ensuring seamless application performance and availability.

### Job Hunter | Python, BeautifulSoup, MySQL

Nov. 2023

- Utilized **BeautifulSoup** to effectively extract job listings data including company names, required skills, publication dates, and application links.
- Implemented a system to parse and sanitize information from multiple web pages, ensuring high accuracy and relevance of the job data retrieved.
- Designed and maintained a **MySQL database** schema to store the scraped data, enabling efficient data management and retrieval.

### Book Web Scraper | Python, Scrapy, ScrapeOps API

Sep. 2023 – Oct. 2023

- Implemented the **Scrapy** framework to traverse the website, locate book information, and extract data efficiently
- Designed and integrated a custom header generator to mimic user requests, preventing website from blocking the scraper
- Incorporated **ScrapeOps Proxy API** to generate proxies, ensuring the local machine's IP address remained unblocked
- Successfully retrieved data for **1000** books and automatically generated a Json file to store the data

### Amazon Website Clone | HTML, CSS, JavaScript

Jul. 2023 – Sep. 2023

- Developed Amazon website clone using **HTML** and **CSS** that ensure a visually authentic user experience.
- Utilized **JavaScript** to dynamically generate HTML elements via the Document Object Model (**DOM**).
- Implemented interactive features allowing users to add products and place the order in their carts.
- Employed a responsive web design to ensure that the website was accessible and functional across various screen sizes.

## Technical Skills

**Programming Languages:** JavaScript, Java, C++, Python, HTML, CSS

**Developer Tools:** VS Code, CLion, Replit, IntelliJ IDEA, Slack, pip, Heroku

**Technologies/Frameworks:** Git, GitHub, JUnit, Scrapy, MySQL, Django

**Languages Spoken::** English (Native), Mandarin (Intermediate)

## Leadership / Extracurricular

### SASE

Aug. 2021 – Present

#### SASE Intern

- Collaborated with fellow interns within committees to develop ideas for future club body meetings.
- Assisted in the coordination of club functions to ensure the seamless execution of planned activities.
- Orchestrated **20+** volunteer initiatives on behalf of the organization.

#### SASE Mentor

- Facilitated a series of engaging social events that helped mentees developed relationship between peers.
- Increased engagement from newer members to participate in general body meetings and workshops.
- Provided guidance and mentorship to mentees, offering valuable insights on navigating academic challenges.