

# Jonathan Smith

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## Education

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University of Texas at Dallas

*Anticipated May 2024*

B.S in Computer Science (GPA 3.4/4.0)

## Skills

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

**Coursework:** Operating Systems, Computer Architecture, Unix/Linux, Data Structures and Algorithms, Computer Security, Computer Networks, Databases, Machine Learning

**Tech/Tools:** Figma, AWS, React, GIT, SQL, Node.JS, MS Office, Google Drive

## Academic Projects

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### Doubly Linked List

*January 2021*

- Implementation of a double linked list data structure with C++
- Expanded to implement queues, stacks, and binary trees

### Multithreaded File Hasher

*September 2021*

- Finds the hash values of files with C through hashing algorithm
- Made file hashing more efficient through threads

### Karz Car Part Ecommerce Website

*January 2022*

- Website design for An E-commerce website that sell car parts and recommend customized deals to users with HTML and CSS

## Competitive Programming

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### HackDFW

*September 2023*

Participated in a 48-hour coding competition with a team of 4, creating an application that displays a heatmap where companies could use to display targeted ads to increase sales.

- Cleaned and displayed data using the pandas library in python
- Utilized HTML and CSS to create an appealing frontend to display the heatmap

### HackUTD

*November 2023*

Participated in a 24-hour coding competition with a team of 4 focused on creating an application that allowed users to collaborate and communicate times they could hang out.

- implemented a chat room in python through sockets on client and a server architecture that allowed text communication between two parties
- Interface designed with Figma

## Work Experience

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### Salerno Italian Restaurant | Cook

*August 2021 – November 2021*

- Worked on a team
- Made fast paced choices under pressure
- Maintained customer satisfaction

### Tango Tab and Vietnamese Senior Association | Volunteer

*January 2015 – September 2023*

- Managed a small team of volunteers to make a mass number of lunches for people in need
- Loaded and distributed boxes of food to the Seniors
- Troubleshoot and solved problems pertaining to computers and other devices