

Austin Karimi

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Education

Bachelor of Science	<u>Texas A&M University</u>	College Station, TX	Expected 05/2025
• Major in Computer Science Minor in Mathematics			GPA:3.94/4.0
• Relevant Coursework:	Data Structures & Algorithms	Computer Languages/Organization	Discrete Mathematics
	Applied Statistics	Linear Algebra	Intro to Python
	Principles of Software Engineering (current)	Principles of Computer Systems (current)	

Projects

Portfolio Website HTML/CSS/JavaScript	12/2022-1/2022
<ul style="list-style-type: none">Created a personal portfolio website that includes current qualifications and background information.Utilized JavaScript for features such as user-activated displays and CSS styling for graphic design (lighting effects, typewriter text, and more).Implemented core principles of HTML to structure and organize the website and gained experience in various tags and their usage/application.	
Virtual CPU Logic Gate Design/Nand2tetr	https://github.com/Austinzkarimi/Virtual-CPU 4/2023
<ul style="list-style-type: none">Used software dedicated to control pathing and virtual circuit design to develop a virtual functioning CPU through the implementation of logic gates.Applied knowledge of processors, memory management, and data representation expressed in the CPU design.	
Dungeon Crawler C++	11/2022 - 12/2022
<ul style="list-style-type: none">Created a terminal-based C++ game where the player must escape a dungeon of monsters by finding the door without being caught.Usage of data structures like dynamic arrays and methods of storing/updating information to efficiently load the map.	

Experience

<u>Mathematics/C++ Tutor Tutor.com</u>	Remote	3/2023 – 5/2023
<ul style="list-style-type: none">Assisted/Tutored various students on mathematics and intro to C++ topics.Created positive learning environments and engaged in helpful questions to assist students based on various levels of understanding and needs.Incorporated applied usage and understanding of data structures and algorithms to help simplify topics for students.		

Extracurricular

Aggie Coding Club Member	5/2022 - Present
<ul style="list-style-type: none">Participation in weekly meetings practicing for technical interview questions (leetcode, coding problems, etc.)Group Collaboration and assistance with project-oriented software development (debugging, tips for implementation, general advice, and more).	
Aggie Tennis Club Member/Player	8/2021 - Present
<ul style="list-style-type: none">Participation in weekly club practices and multiple tournaments throughout the semester.Experience in Leadership roles motivating and helping other players to do their best in tournaments as a captain of the team.	

TAMU Hackathon

- Participated in the Texas A&M Hackathon in Spring of 2023, which is the largest annual university coding competition.

Skills

- Programming:** C++ | HTML/CSS | Python | Java | JavaScript | React | Scheme
- Other:** OverLeaf/LaTeX | Git | Adobe Photoshop | MS Office Suite | Sony Vegas Pro
- Interpersonal:** Communication | Adaptive | Problem-solving