Austin Karimi

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Education

Bachelor of Science	**Texas A&M University**	*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 Sofware Engineering (current)	Principles of Computer Systems (current)	

Projects

Portfolio Website | HTML/CSS/JavaScript   12/2022-1/2023

- 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/Nand2tetris   4/2023

- 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.

Candl3.tech | Next.Js/MongoDB/Flask   **https://candl3.tech/**   10/2023

- Created a financial technical analysis game to practice graph analysis and stock trends for current and aspiring traders.
- Full-stack application with web deployment, real stock data utilized with future features and project phases coming soon.

Experience

Mathematics/C++ Tutor | Tutor.com   *Remote*   3/2023 – 5/2023

- 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/Achievements

Aggie Coding Club | Member   5/2022 - Present

- Active engagement 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

- Assistance and aiding 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.

HackTX | Best Database Design Winner   10/2023

- Participated in the annual UT Austin Hackathon and won the category for best database design with Candl3.tech.

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