

Samuel Dixon

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[GitHub](#) | [Personal Website](#) | [LinkedIn](#)

Interested in sociology, technology, finance, cooking, and public policy

Education

- Texas A&M Honors Electrical Engineering Sophomore 2019-2023

Relevant Skills:

- Python – file IO, functions, elaborate commenting,
 - Packages: Matplotlib for generating, intricate data visualization, Pandas and NumPy to store and organize data to do large scale computation on large data set
- C++ – file IO, streams, string manipulation, arrays, data validation and debugging
- Vivado – Utilizing structural, dataflow, and behavioral levels of abstraction in order to model the flow of logic, organize information, and execute desired tasks in electronic systems
- MultiSim – Designing circuits and simulating tests for hardware design with virtual, symbolic representations of physical hardware components

Works

- Website: Working with html to create a map of personal hobbies, and memories. Through this project, an appreciation for organization, design, and self-reflection was strengthened
- Finance Programs: Numerous finance programs to illustrate how long-term investing in the stock market provides security for hard earned savings, and enables people to live with less financial stress

Experience

- Hullabaloo U Peer Mentor (August 2020 – Current) - developing leadership skills while building relationships with Freshman who experience a new semester in an adverse, online environment.
- Trader Joe's (April 2019 – Aug 2019) – retrieved carts, organized shelves, guided shoppers, cleaned area around the store, and assisted in bagging people's groceries
- Rudy's BBQ (Cashier): (Mar 2019 – Aug 2019) – served guests and provided a superb dining experience by focusing on food quality, surgeon cleanliness, Texas hospitality, and having fun.

Awards and achievements

- 2nd Place U Challenge winner (2019) – Brainstorming innovative ways to save money from inefficiencies and waste in water systems, electricity, and heating in A&M's Residence Halls.
- Dean's Honor Roll (Fall 2019 and Spring 2020) – achieving a GPA of 3.75 or better
- Eagle Scout (2019) – Engaging in educational outdoors activities that sharpened important life and survival skills, extensive service, and leadership building activities
- 2 Half Marathon (January & December 2019) – 13.2 miles helps break pride and humble oneself