

CYRIL JOHN

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EDUCATION

Texas A&M University

BS Computer Science

Minor in Mathematics and Business

Aug 2020 – May 2024

College Station, TX

GPA 3.6

- **Relevant Coursework:** Discrete Computing Structures, Program Design, Data Structures & Algorithms, Computer Organization and Architecture, Foundations of Software Engineering, Computer Systems
- **Organizations:** Cybersecurity Club, Aggie Coding Club, Aggie Web Developers, Chi Psi Beta Fraternity (Public Relations Head), Big Event (Site Manager), Engineers Without Borders (Sub-team Lead)

SKILLS & CERTIFICATIONS

Languages: C++, Python, HTML, Java, JavaScript, SQL

Web Technology: HTML5, CSS, React, Node.js

Database: MySQL

Software & Tools: GitHub, Git, Microsoft Office

- Intel oneAPI Artificial Intelligence Toolkit Training
- Code Academy Learn SQL
- Udemy C++ Programming
- TSTC Intro to Cybersecurity

PROJECTS

- **National Park Trip Budgeting:** React web application that uses travel advisor and other budgeting API to provide users with a budgeting resource specifically for trips to national parks within the United States
- **Point of Sale & Inventory System:** A database management system housed on AWS to record order history and inventory data with a corresponding GUI (Java) for the employees of a restaurant
- **Texas Online Voter Registration website:** Voter Registration Website that promotes online voter registration for Texans. Front-end consists of HTML, CSS and JavaScript, back-end was made in Python and implemented in Flask framework
- **City Finder:** A hash table-based program that reads the name and coordinates of a city and directs user to the Google Maps of the location. Built using Java
- **Chi Psi Beta Official website:** Website for a fraternity at Texas A&M with over 50 members and outreach to around 100 new students every semester. Built using HTML and RSS based engine: chipsibeta.wordpress.com

WORK EXPERIENCE

Student Enrollment Texas A&M Galveston

Jan 2021 – May 2021

Student Worker

Galveston, TX

- Scheduled appointments, offered admissions advice, and directed people to the right departments for further academic and financial aid related advice
- Processed and analyzed scholarship and admissions related paperwork for a campus with over 3000 students
- Contacted over 100 incoming students every day to help see through admission acceptance processes

The Tutoring Center

Sep 2019 – Jan 2020

Tutor

Missouri City, TX

- Taught and gave comprehensive lessons in all levels of Mathematics ranging from K-12
- Monitored the progress of over 50 students and curated lesson plans to enhance student learning experience
- Implemented methodical learning routines through weekly meetings to create the best atmosphere for students