Christian Tyler

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EDUCATION

Forestview High School
Graduated
- GPA: 4.41/4.00 Weighted
- Clubs: Anime Club, Book Club, Forestview Red Cross Club and Beta Club

The University of North Carolina at Chapel Hill
C/O 2027
- Bachelor of Science in Computer Science, 05/2027 Expected Graduation
- Related Coursework: Intro to Programming and Data Science, Intro to Data Analysis, Tools for Information Literacy, Data Structures and Analysis, Discrete Structures, Information Systems Analysis and Design

RELEVANT EXPERIENCE

Gaston Public Library, Gastonia, NC
Library Volunteer, 6/2021 - 8/2021

- Organizing and shelving books to maintain an orderly and accessible library environment.
- Supported library events and programs, such as reading sessions and educational workshops, by helping with setup and participant engagement.
- Helped to locate materials and provided information about library services and resources to customers.

Camp SOAR, Charlotte, NC
Activity volunteer, 5/2022 - 5/2023
- Organized and led sports sessions
- Participated in fellowship and social activities
- Provided enrichment activities (i.e. arts and crafts)

PROJECT EXPERIENCE
Personal Website
Web Developer, March 2024 - Ongoing
GitHub Link: https://koficat2.github.io/personal-website/#about

- Designed and developed a personal website using HTML, CSS, and JavaScript

- Implemented design principles to ensure the website is accessible and user-friendly across various devices.

- Integrated features such as a contact form, blog section, and an interactive gallery to enhance user engagement.

- Always updating with current things going on in my life

Skills: Cascading Style Sheets (CSS) · Web Development · GitHub · JavaScript · HTML

Policy Trends in Science Education
Data Analysis, Aug 2023 - Dec 2023
LinkedIn Link: https://www.linkedin.com/in/christian-tyler-58039030a/details/projects/

- Conducted statistical analysis to explore the relationship between the political affiliation of middle and high school science teachers and their geographic locations in the United States.

- Utilized the 2019 Survey of American Science Teachers dataset.

- Used Tableau, Microsoft Excel (including Data Analysis Toolpak).

- Cleaned and recorded raw data to focus on relevant variables such as political affiliation and state.

- Conducted a matched pairs two-sample t-test, finding a p-value of 6.24×10^{-7}, indicating a statistically significant higher ratio of Democratic teachers across regions.

- Developed a heatmap in Tableau displaying geographic ratios of Democratic to Republican teachers.

- Developed a stacked bar graph categorizing regions by political affiliation percentages.

Skills: Tableau · Microsoft Excel

CAMPUS & COMMUNITY INVOLVEMENT
UNC Men's Soccer Team
Soccer Player, Jan 2024 Year - Ongoing

- Participate in all team practices and meetings, demonstrating commitment and eagerness to learn and improve.
- Contribute to team dynamics by actively supporting teammates during drills and games.
- Assist in organizing team events and activities, fostering a positive and cohesive team environment.

UNC FLUX Club
Member, Feb 2024 - Ongoing

- Participate in meetings and workshops to learn about UX/UI design principles and tools, such as Figma and Adobe XD.
- Collaborate with other members on design projects, contributing ideas and feedback to improve user experience and interface design.

SKILLS
Computer: Proficient knowledge of Python, HTML, CSS, Microsoft Word, Excel, and PowerPoint, Tableau, R
Language: Basic knowledge of written and conversational Spanish

HONORS AND AWARDS
- AP Capstone Diploma
- Member of High School National Honor Society