

Connor Clarke

Austin, TX | connor.r.clarke4@gmail.com | (512) 939-3350 | linkedin.com/in/connor-r-clarke | github.com/connorrclarke

EDUCATION

Texas A&M University

Bachelor of Science in Computer Science, Minor in Business (GPA 3.954)

May 2026

Relevant Coursework: Program Design & Concepts (C++), Discrete Structures of Computing, Data Structures & Algorithms, Computer Organization, Programming languages, Computer Systems, Software Engineering, Calculus, Linear Algebra, Statistics

EXPERIENCE AND LEADERSHIP

Computer Science Undergraduate Research, College Station, TX

August 2024 - Present

- Utilized novel view synthesis to 3D render locations around TAMU campus to aid the development of CamP and Zip-NeRF.
- Developed algorithms to generate new features while finding and squashing bugs in the application.
- https://github.com/google-research/google-research/tree/master/camp_zipnerf.

Computer Science & Engineering Peer Teacher, College Station, TX

August 2024 - Present

- Led lab sections, delivering instruction on vital computer science concepts and ensuring student comprehension.
- Provided weekly office hours, offering personalized support to deepen students' understanding of computer science concepts and improve their performance on assignments.

Freshmen in Engineering, Science, and Technology (FEST), College Station, TX

September 2022 - May 2024

Committee Director - Engagement (May 2023 - May 2024)

- Provided leadership to a committee of 10 members, fostering engagement and collaboration within the organization.
- Streamlined communication by coordinating weekly meetings, presentations, and emails among 95 members.
- Created and updated the organization's website, generating over 3000+ unique visitors.

Outreach Sub-Committee Leader (September 2022 - May 2023)

- Selected as one of 50 STEM students for a leadership role focused on member development through personal, professional, and social events.

Distinct Capital Group, Software Engineering/Product Acquisitions Intern, Austin, TX

June 2022 - August 2023

- Developed a software-driven competitive analysis tool to assess the market for rooftop tents and automotive awnings.
- Identified and prioritized potential product acquisitions from Kickstarter and IndieGoGo.
- Conducted data-driven research that contributed to the acquisition of Kammok's Crosswing auto awning.

PROJECTS

Comic Book Wishlist Manager | Full Stack Developer

August 2021 - Present

- Designed and implemented a fully functional web scraping wishlist application that uses previewsworld.com to access upcoming comic book solicitations.
- Utilized a file creation system that allows users to create a WishlistModel that dynamically stores product data and successfully saves it to disk for multi-user use.

Wordle Game Replica | Full Stack Developer

March 2024 - May 2024

- Developed a fully functioning replica of Wordle using Java and Scene Builder.

Dungeon Crawler Video Game | Backend Developer

August 2023 - December 2023

- Developed a fully functional 2D Dungeon Crawler video game using C++, allowing users to control characters across various difficulty maps for an immersive experience, including coding enemy encounters and a currency system.

TownTalk (howdyhack23) | Backend Developer

September 2023

- Contributed to a four-person development team with the creation of an application that allows users to discover local events by entering their city or zip code.
- Led the design and integration of PredictHQ's API, which was crucial to the functionality and framework of TownTalk.

Covid-19 Exposure Tracker (viperdashboard) | Full Stack Developer

August 2021 - December 2021

- Designed and developed a comprehensive COVID-19 exposure tracking system using Java, which enabled users to check potential exposure to COVID-19 within my high school community.
- Created an immersive graphical user interface for users to input information and receive tracking notifications easily.

SERVICE

- BUILD Volunteer

September 2023 - Present

- Mega Camp Fun Leader

June 2018 - Present

- Nicaragua Mission Trip

July 2022

ADDITIONAL INFORMATION

Programming Languages: Python, C, C++, C#, Java, SQL, Javascript, HTML, CSS, R, SQL, Swift

Operating Systems: MacOS, Microsoft Windows, Linux, iOS

Skills: Microsoft 365 Certified, Google Workspace, Git, Github, Xcode, Visual Studio, Ability to learn