

# David Caleb Gomez

dcg1262@outlook.com | (956) 375-0195 | Fort Worth, TX | [Portfolio](#)

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## EDUCATION

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University of Texas at Arlington  
*Bachelor of Science, Computer Science*

May 2024  
*Arlington, TX*

## WORK EXPERIENCE

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Missio Dei Network

July 2025 – Current

- Frontend Developer
- Selected to independently design and build the organization’s official website, a platform that will serve as the **foundation for launching public memberships** and future growth of this startup nonprofit.
  - Applied expertise in **CSS and UI design** to create responsive, accessible, and user-friendly layouts, ensuring seamless experiences across devices.
  - Integrated secure login features and dynamic components that will enable member access to exclusive resources, demonstrating **end-to-end development and system design skills**.

Texas Baptist Student Ministry

Aug. 2024 – May 2025

- Student Engagement Coordinator
- Arlington, TX
- Facilitated **leadership workshops and mentorship programs** for diverse student groups, enhancing personal and professional development.
  - Designed and evaluated engagement initiatives using **surveys and feedback analysis**, applying insights to improve event effectiveness.
  - Coordinated cross-functional teams to **plan and execute large-scale programs**, strengthening organizational efficiency and impact.

## PROJECTS

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### [Breathe Easy Sim](#)

- Awarded 2nd Place** at UTA’s Innovation Day for developing a ventilator simulation platform adopted by the SMART Hospital to improve medical staff training.
- Led front-end design and system integration** using **Java Swing**, enabling real-time parameter control and live data visualization for patient simulation.
- Collaborated with a cross-functional team of 5 using **Agile methodologies and Jira** to manage sprints, track progress, and deliver on project milestones.

### [Stock Price Prediction Project](#)

- Designed and implemented an **LSTM-based deep learning model** to forecast Apple stock closing prices from historical time series data.
- Leveraged **Python, TensorFlow/Keras, and Pandas** to experiment with model architectures and hyperparameters, achieving an average error of **~\$3.75 per share** on test data.

### [SeatGeek Price Tracker](#)

- Built an automated ticket price tracker using the SeatGeek API to monitor Dallas Cowboys ticket listings in real-time.
- Demonstrated strengths in **API integration, data-driven automation, and building real-world software solutions** with direct practical impact.

## SKILLS & INTERESTS

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- Technologies:** Java; SQL; Python; MATLAB; JavaScript; HTML; CSS; Java Swing; Git; Jira; Flask; Jekyll; Azure
- Skills:** Data Analysis; Web Development; UX Design; Project Management; AI
- Interests:** Fantasy Football; Golf; Board Games; Watching Movies