

# Matthew Galvez

[galvez.matthew2016@gmail.com](mailto:galvez.matthew2016@gmail.com) | 979-264-3117 | Web Portfolio: <https://txcodemedic.github.io/>

## Education

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### The University of Texas at Austin

May 2023

- B.S Public Health - Concentration in Biostatistics and Health Informatics
- Elements of Computing Certificate

## Projects

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### Tra Mai Thao Business Panel | Front-end: React.js | Back-end: Express.js, Node.js, MongoDB

- Independently built an inventory and sales reporting app to aid management staff.
- Calculates sourcing costs of tea that was produced in a day for management to calculate profit accurately.
- Website technologies include: user login verification, Material UI, Redux, and Nivo Charts.

### Bulko's Barbecue | Front-end: HTML5, JavaScript, CSS3 | Back-end: PHP, MySQL

- Collaborated with a team of other students to create a dynamic website for a mock-up catering business.
- Website technologies include: user login and registration with frontend verification and back-end order tabulation.

### Longhorn Walk | Front-end: Swift | Backend: Google Firebase

- Created an iOS app that encourages new students to explore campus by giving points for visiting pinned locations on the UT campus and storing their profile information in a Firestore DB.
- iOS App technologies included, user login/registration, user locations verification, CoreData storage, user profile picture paths, user CRUD operations.

## Technical Skills

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**Languages:** JavaScript, Python, PHP, Swift

**Other:** HTML5, CSS3, React.js, Express.js, Node.js, jQuery, MongoDB, MySQL, PostgreSQL, GitHub, Pandas, Numpy, SciKit-Learn, Matplotlib, Linux

## Work Experience

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### College Tutor - Brazosport College Math Center

Jan 2020 - Present

- Provided one on one tutoring services for over 100 students remotely, resulting in higher student grades and 4.9/5 tutor rating.
- Provided instruction for college level math, science, and programming courses.

### Ambulance Branch Supervisor - U.S. Army 115 BSB

Apr 2018 - Aug 2019

- Led and instructed 10 personnel and 4 ambulances resulting in higher mission readiness to provide medical coverage to a brigade of 3000 soldiers.