

RAUNEL SUAREZ-MAGANA

@ raunel.magana@gmail.com

☎ 254-229-8802

in [linkedin.com/in/raunel-suarez-magana/](https://www.linkedin.com/in/raunel-suarez-magana/)

🔗 github.com/26rsuarez

SUMMARY

Software Developer, passionate about applying math concepts to software development and solving real world problems. Excited to design innovative applications that improve education and society.

EDUCATION

BS Mathematics

University of Texas at Austin

📅 Aug 2012 – Dec 2016 📍 Austin, Texas

- Graduated with a teaching certificate

Bootcamp Certificate

University of Texas at Austin

📅 Sep 2020 – Dec 2020 📍 Austin, Texas

- A 12-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Node Js, MySQL, MongoDB, Express, and ReactJS.

EXPERIENCE

Math Teacher

Marble Falls High School

📅 Jan 2017 – Aug 2020 📍 Marble Falls, Texas

- Incorporated hands-on projects to lesson plans improving test scores by 10 percent.
- Managed classes ranging from 15 to 30 students, encouraging critical thinking, effective communication, and time management strategies.
- Revamped assessments by analyzing data and focusing on using a balance of high, mid, and low level questions.

Computer Help Assistant

University of Texas Libraries

📅 Aug 2014 – Dec 2016 📍 Austin, Texas

- Assisted users with word, adobe acrobat, excel, printing, and other basic technology questions.
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PROJECTS

Sushi Junai

🔗 <https://sushi-junai.herokuapp.com>

🔗 <https://github.com/s2hon/sushi-junai-official>

- Summary: A local restaurant's website with an interactive menu and restaurant information.
- Front and Back End: Component creator, Log in/out integration, database management
- Tools: React, Sequelize, Passport, Redux, Express, Reactstrap

PhotoPhriend

🔗 <https://26rsuarez.github.io/photophriend/>

🔗 <https://github.com/26rsuarez/photophriend>

- Summary: A web application that gives photographers important information, such as sunrise and sunset times, weather forecast, images, maps and tips.
- Back End: API integration using JQuery
- Tools: HTML, CSS, JavaScript, Materialize, OpenWeatherMap API, Mapbox API, and Pixabay Api.

ChillCubes

🔗 <https://chillcubes.herokuapp.com>

🔗 <https://github.com/26rsuarez/chillcubes>

- Summary: A web application where animations are displayed using ThreeJs. Users change the way the animations are displayed. The parameters are stored in a database.
- Front and Back End: Created a threejs scene, connected the scene with the youtube api, displayed the scene, and stored video links in the database.
- Tools: JavaScript, Express, Sequelize, HTML, CSS, Threejs, JQuery, Passport, and Bootstrap.

SKILLS

Languages:

JavaScript/HTML/CSS, SQL, Python.

Professional Tools:

Microsoft Office Suite, Github

Tools:

React, Express Server, Sequelize, mySQL, MongoDB, NodeJS, JQuery, Passport, Redux, Bootstrap.