

# Ruben Christopher Arevalo

Aspiring Software Engineer | Recent Computer Engineering Graduate

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## EDUCATION

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**University of Texas Rio Grande Valley** | Edinburg, Texas | August 2019 - May 2023

Bachelor of Science in Computer Engineering

Relevant Coursework: Database Design and Implementation, Algorithms and Data Structures, Software Engineering I/II, Computer Science I/II

**South Texas College** | McAllen, Texas | August 2015 - May 2019

Associate of Science in Computer Science

## SKILLS

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**Competent:** Python, C++

**Familiar:** HTML, CSS, JavaScript, React.js, MySQL

**Novice:** Express.js, Flask, FastAPI, TypeScript, PostgreSQL

**Hard Skills:** Knowledge of Jira, Agile development, Software Development Lifecycle (SDLC), unit and integration testing, continuous integration and deployment (CI/CD practices), and version control with Git through relevant coursework

**Soft Skills:** English and Spanish, Collaborative, Productive, Prioritization, Willingness to Learn

## SOFTWARE PROJECTS

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**Dating Web App** | React.js, CSS, TypeScript, Python, FastAPI, Express.js, PostgreSQL | June 2023 - Present

- Recently reduced retrieval times—subjective to internet speeds—on a user's profile page from 5-10 seconds to 3-5 seconds without caching, further reducing it to 1-3 seconds with caching.
- Developed a matching algorithm that matches people based on attributes, such as location and bio, with future refinements that will improve the user experience by selecting 10 random matches.
- Aiming to create a future design where dating tips will be provided to newcomers and apply them properly, with an emphasis on self-esteem and establishing the foundation of a successful relationship.

**Personal Website** | React.js, CSS, Python, Flask | July 2021 - September 2021

- Developed and implemented a website using React.js as the main framework while also using CSS and React Bootstrap to stylize the user interface (UI).
- Integrated a RESTful API written in Flask to handle and display announcements on website, with 3 of the most recent ones displayed in the 'About Me' page.
- Contains a portfolio page currently displaying 6 samples from various personal projects in addition to 11 samples of photos taken as part of personal hobbies.

## EXPERIENCE

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**Retail Salesperson, Walgreens** | McAllen, Texas | December 2022 - March 2023

- Assisted on average 20-25 customers a week in finding a product and answering their questions or concerns.
- Restocked sold out products in respective bays to maintain inventory levels.
- Helped move products to the promotional section of the store where needed.

**Maintenance/Sanitary Crew, Walgreens** | McAllen, Texas | June 2022 - July 2022

- Streamlined retrieval and placement process of products by organizing merchandise in the storeroom.
- Helped clean store sections to ensure a better customer experience.
- Faced products behind the shelves to the front and moved misplaced products to correct bays and aisles.

## HONORS & ACTIVITIES

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**Dean's List** | Recipient | May 2023, May 2022

**Frontera Devs** | Member | October 2019 – May 2023

**Association for Computing Machinery** | Member | September 2019 – December 2022

**Greater Texas Foundation Scholarship** | Recipient | July 2019 – May 2022

**High School Programming Contest (HSPC)** | Volunteer | February 2020