

Ignacio Alanis Jr.

San Juan, TX 78589 • (956) 478-3543 • ignacioalanisjr@gmail.com • [GitHub](#) • [LinkedIn](#) • [Portfolio](#)

Education

Bachelor of Science in Computer Science
University of Texas Rio Grande Valley (UTRGV)

Graduated: May 2021

Developed Skills

Programming Languages: C#, SQL, HTML, CSS, Javascript, C++

Technical Skills: Full-Stack Development, ASP.NET, T-SQL, Linq, Chart.JS, jQuery, Bootstrap/Bootstrap templates, MVC, Active Directory, IIS, Ajax, RDBMS, SSIS Packages, SSRS, Web Forms, Node.js, GIT, Heroku, React, Firebase, Algorithms, Data Structures, Web Design, Frontend Design

Software Programs: Visual Studio, SQL Server Management Studio (SSMS), Eggplant Software, Microsoft Report Builder, Trello, MySQL, Unity, Eclipse, GitHub

Relevant Work Experience

Baylor Scott & White Health

Remote

Software Developer

March 2022 – March 2023

- Developed application using DataTables to centralize 50+ physician tasks with the ability to track the progress of 8,000+ physicians.
- Created a performance dashboard utilizing ASP.NET MVC and Chart.js, enabling real-time visualization of physician metrics; facilitated data-driven decision-making to identify areas of improvement and optimize performance.
- Redesigned 30+ existing web pages and introduced AJAX, condensing total web pages and improving data input efficiency.

Entravision Communications Corporation

McAllen, TX

Engineer

August 2021 – March 2022

- Maintenance of tv broadcast engineering and transmission, news operational and technical environments which include news automation systems, studio and field cameras, non-linear editing systems, newsroom systems, and cg graphics interfaces.
- Installed and maintained digital and analog television production and transmission equipment and computer workstations.

UTRGV Continuing Education

McAllen, TX

Frontend Web Developer

February 2018 – June 2020

- Debugged and updated the front end of over 150 web pages using the Cascade CMS.
- Used GetResponse CRM and Google Analytics to work closely with the marketing team to predict over 33,000 customers' needs from newsletter sign-ups, wish lists, and web traffic.

Projects

- Onboarding Checklist Application(C#/MVC/Linq/HTML/CSS/JavaScript/SQL)
 - Developed a web application to track providers' progress during training.
 - Created SSMS Jobs to be executed off of SSIS Packages to update data and send email reminders autonomously.
- Providers Dashboard(C#/MVC/Linq/HTML/CSS/JavaScript/SQL)
 - Produced a dashboard to display metrics of provider's proficiency in the hospital's electronic health record (EHR) system.
 - Implemented Chart.js JavaScript library to display interactive data.
- Whatsapp 2.0 (NEXT.JS/React.JS/styled-components)
 - Coding a One-to-one instant messaging highly reactive Web application with Google Sign In.
 - Incorporated Firebase as the cloud-hosted Database to store Users and Data which will be web-hosted using Hostinger.

Leadership

Association for Computing Machinery's Committee on Women

January 2016 – December 2018

- Former Vice President. Focused on promoting more women in STEM through outreach programs. Coordinated student organization fundraising efforts with the Treasurer.

Girl Scouts Outreach Program

June 2016

- Lectured Girl Scouts of Greater South Texas on the fundamentals of Computer Science and how to code using Python programming language.