

Nicolas Urrego Guasca

Computer Science Graduate

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Projects

Stadium Management Database

- Worked in a team of 3 to develop a RESTful API of a stadium manager using Node.js with Express.js, Microsoft SQL Server hosted on AWS, Microsoft SQL Server Management Studio, and Postman
- Made entity relationship (ER) and relation model (RM) diagrams to design the structure of the database
- Tested API functionality using Postman

Questionnaire Website

- Worked in a team of 2 to develop a website that allowed an administrator to set-up a questionnaire in a specific topic and analyze the results
- Used Microsoft SQL Server Management Studio, Microsoft SQL server hosted on Azure, and ASP.NET Core MVC
- Implemented a 5 point Likert Scale (Poor – Excellent) type questions and imported Google Pie Charts to analyze questionnaire result.

Ordering and Reservation Mobile App UI/UX

- Worked in a team of 4 to design and create from scratch the user interface of a mobile app idea named 'Ordine'
- The idea of the app is to allow the user to make restaurant reservations without the need to call the restaurant itself and allow to user the pre-order meals before they arrive at their reservation
- Built low-fidelity and high-fidelity prototypes in Figma for the layout of the mobile application

Journal System Website

- Worked in a team of 3 to develop a website using PHP and XAMPP that allowed journalists to submit their journals which are reviewed by reviewers chosen from an editor, these reviewed journals are then published by the editor to the academic journal
- Developed 3 types of user experience: the journalist, reviewer, and editor

Work Experience

Server and Bartender @ Hotel Arts

July 2018 – May 2020

- Effectively worked in teams in high intensity events
- Had leadership and responsibility in offsite events

Skills

Programming Languages

Python, Javascript, SQL, Java, PHP, C++, HTML, CSS

Frameworks and Libraries

React, NodeJS, Express, ASP.NET, Next.js, Auth.js, TailwindCSS

Design

Figma, Draw.io

Education

University of Calgary

Sept. 2016 – April 2022

Bachelor of Science in Computer Science

Interests

Badminton, traveling, cooking, biking