

# Edgar Javier Pinedo Ceja

Software engineering student

Software developer focused on web projects in c#



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## EDUCATION

### Bachelor's in Computer Engineering University of Guadalajara (CUCEI)

08/2018 - Present

Guadalajara, Jalisco, México

## EXPERIENCE

### Artificial intelligence development University of Guadalajara (CUCEI)

02/2022 - 08/2022

Support in research on natural language processing for text classification using different types of neural networks.

### Trainer of algorithms club University of Guadalajara (CUCEI)

02/2020 - 06/2020

A collaboration of students and teachers, with the aim of improving the University's level of competitive programming.

## SKILLS

C#

MVC

Entity Framework

Javascript

SQL

Python

Git

Data Structure

## PERSONAL PROJECTS

### PreventApp (03/2023 - 07/2023)

- Web application that shows recent accidents on a map of the Guadalajara Metropolitan Area.
- Development of a scraper to obtain data from social networks.
- Classification of the data obtained by the scraper using two neural networks. The first one is in charge of classifying whether the text refers to an accident or not, the second one to classify according to the type of accident.
- Users can send their alerts about accidents in the area.

### Linked cities (06/2022 - 11/2022)

- Program that uses a graph to associate cities and roads.
- It uses an A\* search algorithm to recommend cities to visit to the user, according to their preferences. Recommendations are made according to the city in which the user is located.
- It allows to store user comments regarding each city. You can search for comments using hashtag and @.
- The data is stored in hash tables and linked lists during program execution and can be saved and loaded from a file.

### Neaq Platform (01/2021 - 05/2021)

- Amazon-inspired platform that simulates the purchase of products.
- Use of graphs for the implementation of product recommendations based on those purchased by the user.
- Sorting of products from highest to lowest and lowest to highest according to price, and search using search patterns.
- Management of .json files as purchasing database and users data.

### Leonel's Database (01/2020 - 05/2020)

- Database of a business that sells T-shirts and other products.
- Developed with PostgreSQL.
- It has the capacity to record purchase orders, customer data, sales made, and display each one.
- The application allows searching by user and by purchase orders.

## LANGUAGES

Spanish

Native or Bilingual Proficiency

English

Limited Working Proficiency

## INTERESTS

Web development

Backend/Frontend