César Gonzalo Trinidad Toledo

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OBJECTIVE

To find a company that provides me job stability, where I can develop my profesional career by applying my knowledge and acquiring new ones in order to improve myself day by day.

EDUCATION

- **B.S. IN COMPUTER SYSTEMS ENGINEERING**
  - Escuela Superior de Cómputo of the Instituto Politécnico Nacional. (August 2019 – December 2024)
  - Seventh semester as exchange/erasmus student at Escuela Técnica Superior de Ingeniería de Sistemas Informáticos of the Universidad Politécnica de Madrid, Spain.
  - Top ranked student.
- **TECHNICAL CAREER IN COMPUTATION**
  - Estudios Técnicos Especializados of the Escuela Nacional Preparatoria of the Universidad Nacional Autónoma de México (August 2017 – May 2019)

KNOWLEDGE AND SKILLS

BACK END DEVELOPMENT: C/C++, Python, Java, JavaScript.

FRONT END DEVELOPMENT: HTML, CSS, Sass, React, Bootstrap.

DATA BASE: MySQL, Firebase.

CLOUD: Azure, GCP.

MISCELLANEOUS: GitHub, Microsoft Office (Word, Excel y PowerPoint)

LANGUAGES: English (B2)

SOFT-SKILLS: Team-player, Proactive, Problems-solving, Adaptation to change, Organization, Responsibility, Leadership, Creativity, Fast Learning.

EXPERIENCE AND PROJECTS

- **SOCIAL SERVICE AT CENTRO DE INVESTIGACIÓN EN COMPUTACIÓN OF THE INSTITUTO POLITÉCNICO NACIONAL.** (July 2023 – February 2024)
  - Development of new functionalities to the website in React with Firebase from the "Deepdaemon" projectm https://deepdaemon.org/) such as the implenentation of new forms, screens and elements.
  - Troubleshooting related to site functions and the site database.
  - Implementation of a responsive design for all screens of the website.
  - Research and implementation of Google Analytics to analyze site metrics.
  - Code cleanup and general site maintenance.
- **SOCIAL SERVICE AT TRIBUNAL SUPERIOR DE JUSTICIA DE LA CIUDAD DE MÉXICO.** (May 2018 – November 2018)

    - Connection and maintenance of computer equipment
    - Connection and configuration of scan devices for document digitalization.
    - Document creation, editing and management.
- **THIRD PLACE IN THE UNIVERSITY COMPETITION "FERIA DE LAS CIENCIAS, LA TECNOLOGÍA Y LA INNOVACIÓN" OF THE UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO.** (2019)
    - The Project entitled "Teoría de grafos: no siempre es en línea recta" was developed to demostrate the use of graphs and the BFS algorithm to find the shortest path in a map of ENP Plantel 9 "Pedro de Alba" identified with nodes.
    - I contributed in the implementation of the Project code which was developed in Python and in the construction of a model for the physical visualization of the Project which showed the path by means of LEDs controlled by an Arduino.
- **DEGREE PROJECT "SISGEME SISTEMA DE GESTIÓN MÉDICA PARA EL SERVICIO MÉDICO DE LA ESCOM".** (2023 – 2024)
    - The Project consisted of the development of a web system that allows the registration and management of the medical information of the school's students, as well as the streamlining of different procedures such as the issuance of vouchers and the generation of medical records.
    - The Project was developed using .NET Core 6 and Microsoft SQL Server, but my main participation was in the Front End development using HTML, CSS and Bootstrap and in the implementation of the website in Azure, in addition to the creating and updating the documentation of this project.

COURSES AND OTHER PROJECTS

- **GCP COURSE "GOOGLE CLOUD COMPUTING FOUNDATIONS"**
- **FREECODECAMP COURSE "CERTIFICACIÓN DE DESARROLLADOR EN JAVASCRIPT ALGORITHMS AND DATA STRUCTURES"**
- **UDEMY COURSE".NET CORE MVC – THE COMPLETE GUIDE MVC 2023 [E-COMMERCE APP]"**
- **DIFFERENT COURSE OF "NACIONAL FINANCIERA".**
- **ACADEMIC PROJECT "IDENTIFICADOR DE VOCALES USANDO LA TRANSFORMADA DE FOURIER".** (2022)
    - The project consist of the development of a Matlab program to indentify vowels through speech by analyzing their spectrum with the Fourier transform, the Hamming algorithm and LPC.
- **ACADEMIC PROJECT "IDENTIFICADOR DE TRÁNSITO DE VEHÍCULOS".** (2022 - 2023)
    - The project consist of the development of a Python program that allows the identification of vehicles traveling on an avenue thorugh image processing and artificial visión using the OpenCV and Numpy libraries, and then compare the results with those obtained with the "YOLOv3" neural network.
- **CLICK HERE TO VIEW ALL COURSES, DIPLOMAS AND CERTIFICATIONS.**