Jorge David Elihu Mejía Castro

jdemeca01@gmail.com ∅ (442) 189 7740 ∅ México, Querétaro Querétaro ∅ github.com/Fwxzxh

Developer, Problem-Solving, Leader, Lifelong learner.

Work Experience

Visteon Corporation
Software Engineer

Ago. 2022 - Present

HMI Developer & Internal Tools Architect

- Upgraded existing frameworks and tools to enhance efficiency and alleviate workflow pain points.
- Day to day work in C#, C/C++, Cmake, Python and Go.
- Agile methodologies enforcement and application.
- Proficiency Game engines like Unity and Godot.
- Expertise in Unix & Windows OS, IPC, Networking and reverse engineering for modernizing internal legacy tools and protocols while solving complex challenges with innovative solutions.
- Played a pivotal role in code reviews and conducted static analysis to uphold quality standards.
- Proactively reviewed and analyzed requirements to deliver tailored solutions.

Freelance Developer

Ene. 2021 - Feb 2023

Team Lead

- Development of applications for small & medium size businesses.
- C#, F#, WPF, SQL Databases, Python, HTML, JS, Go, Rust.
- Lead of a small group of developers.
- Requirements Writing.
- Scrum Methodology.

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Ago. 2021 - March 2022

Social Service

- Computer vision algorithms implementation and theory in Python and Matlab
- Search & Cleaning of free flowers images for the validation of a flower-counting algorithm
- Gathering of flower images on the internet.
- Cleaning, segmentation & counting of flowers via Computer vision algorithms.

Education

Tecnológico Nacional de México campus Querétaro
2017-2024
Computer engineering
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