Jesús González
B.S. in Computer Science and Technology

Willing to relocate
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Education

The Odin Project Puebla, Puebla | 03 / 2021 — Current
- Pursuing to complete a modern Full Stack curriculum.

Tecnológico de Monterrey Puebla, Puebla | 08 / 2015 — 06 / 2020
- Graduated as a Computer Science and Technology Engineer.

Projects

Google Homepage HTML, CSS, Flexbox | 04 / 2021
- Recreated the google homepage from scratch without external libraries.
- Implemented Flexbox layouts to support ample screen sizes and orientations.
- Included normalize css to further improve design resemblance between browsers.

Sudoku Solver Python, Pytest | 01 / 2021
- Designed an object-oriented, test-driven backtracking sudoku solving algorithm.
- Created 4 single-purpose modules, each with a test module dictating the use cases to comply with.
- Later optimized the solving algorithm to execute a maximum of 1.4 seconds, down from 3.7.

Finance & Stocks Python, Flask, SQLite | 04 / 2020
- Developed a web application to simulate the purchasing and selling of market shares with real prices.
- Designed a SQLite database of 4 tables including, users, shares per users, purchases and sales.
- Stored operations on a database using prices obtained from the IEX Cloud API.

Basic Compiler C, Flex, Bison | 11 / 2019
- Implemented a compiler that recognizes left-derived grammars with 3 source files and 3 headers.
- Designed a simplified syntax tree structure to store instructions to follow in order.
- Stored variables and functions in a hash table structure symbol table.

Kubeet Web Typescript, Angular, Firebase | 05 / 2018
- Created 13 Angular components to present a single page application similar to Udemy.
- Implemented a catalog view of self-study material, consisting of video and text lessons.
- Stored necessary data to and from Firebase utilizando el modelo de controlador.

Experience

Online Tutor Intern — *Prep@Net* — in Puebla, Puebla | 08 / 2018 — 11 / 2018
- Instructed 12 students during their studies, supporting them in learning Word and Excel.
- Designed a weekly agenda in photoshop with their responsibilities for the following week.
- Assessed and graded their homework, in addition to giving advice at the times scheduled by the student.

IT Intern — *ITESM CCV* — in Fortin, Veracruz | 01 / 2016 — 04 / 2016
- Gave maintenance to more than 6 Windows work computers per week.
- Cleaned temporary files and installed productivity and time-management applications.

Competences

Attitude
- Positive, Proactive, Internal Locus of Control, Player Mindset, Learner Mindset.

Soft Skills
- Early bird (4 a.m.), Adaptable, Autodidactic, Transparent, Native Spanish.

Methodology
- Test-driven development, Self-documenting code

Technologies
- Linux (Fedora 34), Git, LaTeX.

Languages
- Java, Python, C, MySQL, Javascript, HTML, CSS.

Studies
- Software engineering, Software design and architecture, Business solution development.
- Analysis and design of algorithms, Data structures, Computational mathematics.