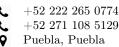
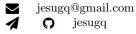
## 

Relevant Studies





| <b>♥</b> Puebla, Puebla   |                    |       |        |
|---|--------------------|-------|--------|
| PROJECTS  |                    |       |        |
| <ul> <li>Responsive Portfolio  HTML, CSS, Javascript</li> <li>Recreation of multiple web pages for learning responsive web design.</li> <li>Use of established patterns for page accessibility across multiple devices and screen sizes.</li> </ul>   |                    | Mar   | r 2021 |
| <ul> <li>Sudoku Solver  Python, Pytest</li> <li>Object-oriented, test-driven development of a the Backtrack Sudoku Solving algorithm.</li> <li>Designed modules to have a single purpose and a separate module to merge their functionality.</li> <li>Optimized algorithm to solve hard sudokus in 1.4 seconds down from 3.7.</li> </ul>      |                    | Jar   | n 2021 |
| <ul> <li>Finance &amp; Stocks Python, Flask, SQLite</li> <li>Development of a web application to simulate selling and purchasing shares.</li> <li>Storage done in a SQL Lite database.</li> <li>Among the data present are the users, their shares, and their buy-sell history.</li> </ul>  |                    | Apı   | r 2020 |
| <ul> <li>Basic Compiler C, Flex, Bison</li> <li>Design of a compiler for the recognition of a Leftmost Derivation Grammar.</li> <li>Utilization of a simplified syntax tree structure to order given instructions.</li> <li>Variables and functions stored in a symbol table, of a hash table structure type.</li> </ul>                      |                    | von   | 7 2019 |
| <ul> <li>Kubeet Web  Typescript, Angular 7, Firebase</li> <li>Creation of thirteen Angular components of a single page application.</li> <li>Modules in charge of presenting a catalogue of self-study material with different views.</li> <li>Retrieval of data through the Google Firebase database.</li> </ul>                             |                    | May   | y 2018 |
| <ul> <li>Residences Storage C</li> <li>Creation of a simple residence data hosting system.</li> <li>Translation of the AVL Tree data structure for storage in a text file.</li> <li>CRUD functionality using the console, writing and reading from the file.</li> </ul>   |                    | May   | y 2017 |
| <ul> <li>Connect 4 Java, Swing</li> <li>Programming of a visual game of Connect 4 using the Swing graphics library in Netbeans.</li> <li>Basic follow-up of turns and rules, operating with matrices. CLI and GUI versions available.</li> </ul>  |                    | Nov   | z 2016 |
| EXPERIENCE  |                    |       |        |
| <ul> <li>PrepaNet Online Tutor , Puebla de Zaragoza</li> <li>Follow-up of twelve students during their learning of Microsoft Word &amp; Excel in a period of four me</li> <li>They were given a weekly agenda designed in Photoshop to facilitate their studies.</li> <li>Advisory and evaluation given via the PrepaNet platform.</li> </ul> | Aug 2018<br>onths. | on -  | 7 2018 |
| <ul> <li>Tecnologico de Monterrey IT Helper , Veracruz</li> <li>Maintenance of Windows work computers regarding cache and temporary files cleaning.</li> <li>Installation of Office, Adobe and other computer maintenance software.</li> </ul>  | Jan 2016           | - Abı | r 2016 |
| EDUCATION   |                    |       |        |
| Tecnologico de Monterrey Campus Puebla  ◆ B.S. Computer Science and Technology  | Aug 2015           | - Jur | n 2020 |
| SKILLS  |                    |       |        |
| Languages , Technologies ,  |                    |       |        |