

Jesus Gonzalez

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EDUCATION

Tecnologico de Monterrey Campus Puebla
› B.S. Computer Science and Technology

Aug 2015 - Jun 2020

PROJECTS

- Finance** Python, Flask, SQLite Apr 2020
- › Development of a web application to simulate selling and purchasing shares.
 - › Storage done in a SQL Lite database.
 - › Among the data present are the users, their shares, and their buy-sell history.
- Compiler** C, Flex, Bison Nov 2019
- › Design of a compiler for the recognition of a Leftmost Derivation Grammar.
 - › Utilization of a simplified syntax tree structure to order given instructions.
 - › Variables and functions stored in a symbol table, of a hash table structure type.
- Kubeet** Typescript, Angular 7, Firebase May 2018
- › Creation of thirteen Angular components of a single page application.
 - › Modules in charge of presenting a catalogue of self-study material with different views.
 - › Retrieval of data through the Google Firebase database.
- Crafter** Swift May 2018
- › Development of a bus monitoring prototype within a company for the iOS platform.
 - › Usage of XCode's visual components to create a responsive interface of thirteen components.
- Residences** C May 2017
- › Creation of a simple residence data hosting system.
 - › Translation of the AVL Tree data structure for storage in a text file.
 - › CRUD functionality using the console, writing and reading from the file.
- Connect 4** Java, Swing Nov 2016
- › Programming of a visual game of Connect 4 using the Swing graphics library in Netbeans.
 - › Basic follow-up of turns and rules, operating with matrices. CLI and GUI versions available.

EXPERIENCE

- PrepaNet** Online Tutor › Puebla de Zaragoza Aug 2018 - Nov 2018
- › Follow-up of twelve students during their learning of Microsoft Word & Excel in a period of four months.
 - › They were given a weekly agenda designed in Photoshop to facilitate their studies.
 - › Advisory and evaluation given via the PrepaNet platform.
- Tecnologico de Monterrey** IT Helper › Veracruz Jan 2016 - Abr 2016
- › Maintenance of Windows work computers regarding cache and temporary files cleaning.
 - › Installation of Office, Adobe and other computer maintenance software.

SKILLS

- Languages** Java, Python › C › MySQL, MongoDB › Javascript, HTML & CSS
- Technologies** Angular, React › Git, Bash › Latex, Microsoft Office, Google Suite
- Relevant Studies** Self-Documented Code › Software Architecture, Test-Driven Development
Databases › Data Structures, Algorithm Design