Martin Mallol

Full Stack Developer

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TECHNOLOGIES

JavaScript | Node.js | SQL | HTML | CSS | C++ | Python | Git | Haskell

EDUCATION

Faculty of Exact and Natural Sciences, University of Buenos Aires (UBA)

Masters Degre, Computer Science

April 2019 - Present (5th year)

- Graph theory, Network flows. Minimum Spanning Tree algorithms like Kruskal or Prim. Graph search algorithms like BFS, DFS or Dijkstra's.
- Programs made with recursive functions, sorting and Divide & Conquer algorithms.
- Usage of multiple data structures such as binary trees (BST or AVL), PATRICIA tries, hash tables, heaps, linked lists.
- Testing and code debugging. Worst case scenario calculation (execution time). Big O notation.
- Machine learning, simulations and data analysis.
- OS fundamentals. Multithreading APPs, Linux terminal, servers and sockets.

Codecademy - Web Development Skill Path

August 2020 - February 2022

Codecademy Web Development Course. Development of multiple web pages by using JavaScript, React, Node js, Express js, SQL, MongoDB, HTML and CSS.

Codecademy - Learn Javascript

March 2020 - April 2020

Initial and Intermediate Javascript Course. 30+ hours duration. It is learned how to create functions, objects and classes, API calls, etc.

Mumuki - "Learn Programming" Course

October 2019 - December 2019

Initial programming course dictated by Mumuki. Multiple exercises made with languages like Gobstones and JavaScript.

LABORAL EXPERIENCE

Illustrator

2018 - Present

Drawings made for comic books, children books, pins, stickers and prints. Worked with USA, Canada, Croatia and Argentina clients.
Digital illustration made with Adobe Photoshop.

LANGUAGES

English - Advanced level with C2 certificate.
French - Basic level..
Portuguese - Basic level..