

# Marcel Legros

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## EXPERIENCE

### Co Founder / Lead Developer

[Ayisen LLC](#) - Brooklyn, NY

January 2020 - Present

Co-Founded, and lead the development of experimental DSP, visual instruments, and marketplace frontend / backend applications.

Architected, and developed high level infrastructure, and systems design.

### Software Solutions Developer

[Inventives Inc.](#) - Scottsdale, AZ

February 2019 - May 2022

Architected, and developed a variety of Full-Stack Web Applications, C++ Graphics Applications, AI Applications, and AI Interfaces for Clients.

Worked with Clients to deploy, update, and maintain services and applications.

### Data Operations Associate

[Cross Pixel Media](#) - Manhattan, NY

October 2018 - February 2019

Created customized advertisement audiences for clients, based on user data. Worked on a series of NLP based explorations, in order to automatically connect semantic concepts.

### Dark Matter Data Analytics Research

[Carnegie Mellon University](#) - Pittsburgh, PA

January 2017 - May 2018

Ran computational analysis on galactic data sets (python), in order to observe and deduce properties of Dark Matter in Dwarf Galaxies.

## Education

**Carnegie Mellon University, Pittsburgh, PA**

B.A. in Physics,

Additional Major in Creative Writing

AUGUST 2014 - MAY 2018

## Awards

**2018 Carnegie Mellon Commencement Speaker**

(Creative Writing Department)

**2017 Carnegie Mellon SURF Grant Recipient**

## Skills

Python (tensorflow)

Javascript (node-js, react-js, express-js, react-native, jest, typescript)

C++ (openGL, juce)

C#

MongoDB (mongoose)

Docker (docker-compose)