

# ALLAN PEREZ

## Theoretical Physics Student

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## EXPERIENCE

### Software Team Member

#### GUOrbit

- 📅 October 2019 – Present    📍 Glasgow, United Kingdom
- Website Development (VueJS SPA, Bootstrap, Heroku, Git).
  - CloudView, a Machine Learning project.
  - Asterus, cubesat mission. Payload Research and payload software.
  - Volunteer at and outreach event for High School students.
  - terra\_Nova Hackathon organized by the UKSEDS. Prize for best Business Pitch.

### Web Developer

#### Freelancer

- 📅 November 2019 – January 2020    📍 Remote
- Wordpress development (Theme, Plugins, ACF, and CSS) for an e-learning company.
  - Wordpress site for a freelancer (CSS and ACF).

### Chief Technology Officer

#### Suprive Media

- 📅 Jan 2019 – Sep 2019    📍 Barcelona, Spain
- UI and UX design of the sales-oriented websites for our clients.
  - Design and improvement of the workflow and the development cycle.
  - Development, testing, and deployment of websites in tight deadlines.
  - Management of the design tasks related to websites.
  - Metric-driven decision making oriented to revenue growth.

### Software Developer

#### Freelancer

- 📅 Mar 2018 – Dec 2018    📍 Barcelona, Spain
- Development of trading systems for retail traders focused on the foreign exchange market.
  - Financial data modelling for insights for retail traders focused on the foreign exchange market.
  - Web development for small businesses and freelancers (Wordpress, JQuery, PHP).

### Junior Quantitative Analyst

#### Nexow Systems

- 📅 August 2017 – February 2018    📍 Barcelona, Spain
- Junior Quantitative Analyst in the department of high frequency trading.
  - Worked in foreign exchange and cryptocurrency markets.
  - Specialized in the research and development of machine learning algorithms for trend recognition. Worked with time series processing and big data techniques.
  - Asset allocation optimization with reinforcement learning.

## LIFE PHILOSOPHY

*"Building Better Worlds."*

## EDUCATION

- 🏛 **University of Glasgow [2019-2023\*]**  
B.Sc. Theoretical Physics
- 🌟 **Penn Foster [2016-2018]**  
High School Diploma
- 🌟 **Platzi [2015-2018]**  
Software Engineering, AI, and Data Science.
- 👤 **The Internet [2014-Present]**  
EdX, MITOCW, Blogs. Mainly on computer science and AI.

## SKILLS

Wordpress Development    Deep Learning    Data Analysis

Python    tensorflow    keras    scipy

pandas    matplotlib    PHP/WP

HTML, CSS, JavaScript    Git    LaTeX

Algorithms and Data Structures

Trading Systems    Team Working

Communication Skills

## LANGUAGES

Spanish    ●●●●●●  
Catalan    ●●●●●●  
English    ●●●●●●

## INTERESTS

Space Exploration    Nuclear Fusion

Artificial Intelligence    Machine Learning

Finance and Economics