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 e-learning companies.
- Wordpress site for a freelancers (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.

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, Coursera. Mainly on computer science and AI.

SKILLS

Web Development   Python   C++

Quantative Analysis   Machine Learning

Algorithms

OOP and functional programming

HPC   tensorflow and keras

numpy and pandas   matplotlib

Wordpress and PHP

HTML, CSS, JavaScript

VueJS and reactive programming   Git

LaTeX   Automated Trading Systems

LANGUAGES

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

INTERESTS

Space Exploration   Nuclear Fusion

Scientific Computing

Machine Learning

Quantative Finance