



**Alex Colls**  
**Data & Software Engineer**  
**Web3 builder**

**Contact Information:**

**Email:** alexcollsoutumuro@gmail.com

**Phone:** +34 622 154 666

**Github:** <https://github.com/quantium-rock>

**LinkedIn:** <https://linkedin.com/in/alex-colls-outumuro/>

**Twitter:** [https://twitter.com/fx\\_mozart](https://twitter.com/fx_mozart)

**Summary:**

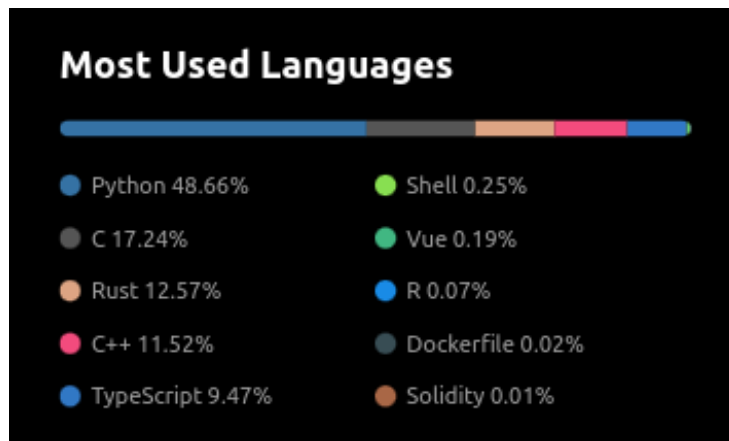
A Software Engineer, focused in developing web3 applications. Obsessed with bringing blockchain technology to the mainstream.

Currently working in the Solana blockchain. Although, I do have experience in Ethereum, Polygon and EOSio smart contracts.

A Data Scientist, passionate about Deep Learning. Currently working in the field building social media bots that use the latest Natural Language Processing (NLP) models to interact with your social accounts like a humanoid without being detected.

A retired Quant, after 10 years trading global financial markets with algorithms. Specialized in High Frequency Trading (HTF) and Market Making (MM) systems.





## Experience:

### Software Engineer at Beenzer dApp (Active)

(December 2015 - Present; less than 1 year)

Quantum Rock is a premier algorithmic private hedge fund that leverages advanced techniques in quantitative research, machine learning, and applied mathematics to deliver outstanding performance across multi-asset and multi-strategy portfolios. With a strong emphasis on automation and risk management, our team of experts is committed to maximizing returns for our clients through a combination of cutting-edge technology and deep financial market insights.

### President & Founder at Quantum Rock

(Jan 2015 - Present; more than 8 years)

Quantum Rock is a premier algorithmic private hedge fund that leverages advanced techniques in quantitative research, machine learning, and applied mathematics to deliver outstanding performance across multi-asset and multi-strategy portfolios. With a strong emphasis on automation and risk management, our team of experts is committed to maximizing returns for our clients through a combination of cutting-edge technology and deep financial market insights.

### CEO - Chief Executive Officer at Nexow

(Aug 2015 - Sep 2020; more than 5 years)

Nexow is a data-driven private investment company specialized in multi-asset class quantitative trading, low-latency algorithms and market making. We do not manage clients. Our goal is to maintain the firm's independence by developing avant-garde financial technology to obtain consistent profits in the most liquid financial markets worldwide.

### Director & Co-Founder at Altium Firm Holding

(Oct 2015 - Present; more than 7 years)

Altium Firm is a trusted consultancy firm that specializes in the private banking debenture and buy-sell trade programs. Our team of experts provides expert advice to international corporate wealth investors, helping them to navigate the complex world of institutional notes, bank guarantees, and private bonds. With a focus on delivering value to our clients, we offer access to a wide range of new issue institutional notes and other financial instruments sourced from our reliable providers based in the United Kingdom.

**FX Quant at Ethika Global Group**

(Oct 2014 - Jun 2015; less than 1 year)

Ethika Global Group is a money manager firm that trades FX on professional client's accounts. I was a quantitative researcher & currency strategy designer.

**FX Trainer at RBL Asesores**

(Sep 2013 - Sep 2014; more than 1 year)

RBL Asesores is a multi-family office (EAFI) that advises its client's financials in wealth & portfolio management. I was advising and training its clients on Foreign Exchange (FX).

**Financial Broker at GVC Gaesco**

(Mar 2013 - Aug 2013; less than 1 year)

GVC Gaesco is an asset management firm. I managed my client's portfolio with them independently.

**FX & Futures Broker**

(Sep 2012 - Apr 2013; less than 1 year)

Teletrade is a retail broker for FX and Derivatives. I was a broker raising, managing and training my own client's portfolio.

**Education:****Software Engineer, Computer Software Engineering**

Codeworks

2022

**Data Science, Artificial Intelligence**

Le Wagon

2021

**Financial Technical Analyst, Financial services and management**

CFTE - Centre for Finance, Technology and Entrepreneurship

2013

**Bachelor's degree, Macroeconomics**

IEF - Institut d'Estudis Financers

2012

**Bachelor's degree, Audio Engineering**

SAE Institute

Audio Engineer, Audio Engineering

2011

**Skills:**

- Algorithmic Trading (17 endorsements)
- Machine Learning (17 endorsements)
- Financial Markets (15 endorsements)
- Market Making (14 endorsement)
- Cryptocurrency (12 endorsements)
- Quantitative Analysis (11 endorsements)
- Technical Analysis (10 endorsements)
- Data Science (10 endorsements)
- Deep Learning (11 endorsements)
- Macroeconomic Analysis (7 endorsements)
- Foreign Exchange (FX) Trading (8 endorsements)
- Hedge Funds (7 endorsements)
- Capital Markets (6 endorsements)
- Fixed Income (6 endorsements)
- Algorithms (8 endorsements)
- Derivatives (6 endorsements)
- Typescript programming (6 endorsements)
- Julia programming (8 endorsements)
- Python programming (12 endorsements)
- C/C++ programming (12 endorsements)
- JavaScript (3 endorsements)
- NodeJs (3 endorsements)
- Solidity (2 endorsements)
- R programming (6 endorsements)
- MongoDB (7 endorsements)
- MySQL (10 endorsements)
- NoSQL (5 endorsements)
- Amazon Web Services (6 endorsements)
- Bloomberg Terminal (2 endorsements)
- Google Cloud platform (2 endorsements)
- G-suite (2 endorsements)
- Elasticsearch (1 endorsement)
- Bloomberg (1 endorsement)
- Foreign Exchange (FX) Market (1 endorsement)
- Cryptocurrency Market (1 endorsement)
- Commodity Market (1 endorsement)
- Equity Market (1 endorsement)
- Fixed Income Market (1 endorsement)
- Options, Futures & CFDs (1 endorsement)
- Spot FX, Swaps & Forwards (1 endorsement)
- Stocks & ETFs (1 endorsement)
- Bitcoin (1 endorsement)
- Fundamental Analysis (1 endorsement)
- Inter-Markets Analysis (1 endorsement)
- Ubuntu Server (1 endorsement)