Ace Quants

## Quantitative Researcher (Internship)

**Role:** Quantitative Researcher
**Type**: Internship $2,5000-$5,000/month
**Location:** Remote

### About Ace Quants

We are an innovative quantitative investment firm with ambition to become a top hedge fund in the crypto space. Our mission is to deliver unique returns and partnerships with latest technology. Our core belief is independent thinking and making simple things work at their best. We envision our operations across all coins and exchanges creating an edge and major amplitude for our trades. Our operations take place mostly in the DMV area; however, we are open to candidates who can work remotely with us.

We offer the internship program in spring, summer, fall and winter for students and off-cycle internship for recent graduates. International students are welcome to apply for our programs.

### About the Role

You will join Quantitative Research & Trading Team and take ownership of projects that cover the entire trading cycle from signal research, infrastructure development, execution, and risk management.

- Analyze market data to generate profitable trading models and signals with statistical significance.
- Back test and implement trading ideas and signals into live trading system.
- Conduct research and use innovative method to improve the existing trading strategy.
- Collaborate with developers to design, implement, and add new features to research platform, trading system, exchange connectivity solutions (RESTful API and WebSocket), and monitoring systems.
- Create tools and libraries for analyze data for finding signals and patterns.
- The position is 100% remote and unpaid with a training plan that covers quantitative research and trading system development.

### About you

- Master's or PhD degree in a quantitative field (e.g., Statistics, Mathematics, Computer Science, Financial Engineering, Physics).
- Prior experience working in a data driven quantitative research/trading environment.
- Experience in the full life cycle of strategy development research, including idea creation; data processing; analysis; testing; and deployment
- Experience with Python (e.g., NumPy, SciPy, pandas), Git and Linux.
- Knowledge of advanced probability and statistics (e.g., time-series analysis, machine learning, pattern recognition).
- Knowledge in Finance (e.g., futures, swaps, options, derivatives, hedging, market microstructures) and Digital Assets (e.g., BTC, ETH, EOS, DeFi Tokens)
- Knowledge of data structures, algorithms, network communication (WebSocket), and multi-threading/processing

### How to apply

Visit our website: www.aceqts.com to learn more about our firm. To apply, please send your resume to contact@aceqts.com. Our recruiter will reach out to you for the next step.