

# Juan Arias

## Quantitative Developer Intern

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### STRENGTHS

**📊 Analytical Skills**  
Thrive analyzing complex financial data, turning insights into concrete plans. Known among peers for bringing clarity through detailed assessments.

**👥 Collaborative Teamwork**  
Enjoy contributing ideas collaboratively. Enhanced communications between different departments; earned respect from counterparts who rely on strong teamwork.

**⚙️ C# Development**  
Skilled at creating efficient C# applications for financial modeling. Peers often seek coding assistance because of grasp over practical implementations.

**💡 Problem-Solving**  
Proven ability to identify issues and engineer proactive solutions. Faculty frequently call upon resourcefulness during high-pressure situations.

**📖 Continuous Learning**  
Constantly pursuing new knowledge about investments and technologies. Peers appreciate curiosity, finding out-of-the-box solutions together.

### SKILLS

Financial Modeling

C# Programming Microsoft Excel

Data Analysis

Automation and Scripting

Real Estate Investment

Python Basics Statistical Analysis

Algorithm Design

Database Management

### SUMMARY

Enthusiastic intern with a passion for financial modeling and technology application, providing valuable insights and improvements to complex data processes. Eager to assist teams in analyzing data while identifying opportunities for efficiency gains. Active with coding in C#, skilled in translating Excel models into streamlined solutions. Committed to fostering collaborative relationships with finance professionals, learning essential real estate investment concepts that drive successful financial outcomes. Looking forward to maximizing my contributions through innovative methods, leveraging analytical skills further within the dynamic realm of quantitative development.

### EDUCATION

#### Bachelor's Degree in Finance

University of Illinois at Chicago 🎓 GPA: 3.8 📅 2027 📍 Chicago, IL

**Coursework:** Financial Modeling, Data Analysis, C# Programming, Automation Tools

### TECHNICAL SKILLS

- **Programming Languages:** C#, Python, SQL
- **Tools & Technologies:** Excel, Visual Studio, Git
- **Data Management Tools:** SQL Server, Oracle DB, MongoDB
- **Business Intelligence:** Tableau, Power BI, SAS
- **Development Methodologies:** Agile, SCRUM, Waterfall
- **Automation Tools:** Uipath, Alteryx, AutoHotkey
- **Financial Tools:** Bloomberg Terminal, QuickBooks, MATLAB
- **Version Control:** Git, Subversion, Mercurial
- **Cloud Computing:** AWS, Azure, Google Cloud
- **Networking Technologies:** TCP/IP, VPNs, Firewalls

### EXPERIENCE

#### Junior Quantitative Analyst

Tech Solutions Group 📅 June 2025 - Present 📍 Chicago, IL

Engaged in financial model enhancements, focusing on automating data processing tasks. Applied C# programming for sophisticated analysis while collaborating proactively with senior analysts. Encouraged efficiency improvements within team workflows, impacting project execution.

- Developed and sustained C# applications dedicated to financial data review.
- Streamlined processes for data analysis, which led to growth in overall operational effectiveness.
- Provided insights into trend data that contributed significantly to decision-making strategies.
- Facilitated discussions to implement best practices across various departmental teams.

#### Intern

Data Insights Inc. 📅 June 2024 - May 2025 📍 Chicago, IL

Worked closely with cross-functional teams, enhancing existing Excel-based financial models, driving automation efforts. Analyzed intricate datasets alongside experienced mentors, establishing accuracy within financial decision frameworks.

- Assisted in generating Excel automation scripts that enhanced model capabilities.
- Examined financial data complexity, leading initiatives for precision improvements.
- Partnered with diverse departments to understand requirements and refine financial modifications.
- Contributed towards upgrading methodologies utilized in evaluating investment performance.

## Machine Learning Techniques

Team Collaboration

Time Management

Critical Thinking

Software Development

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● Junior Quantitative Analyst at Tech Solutions Group (1 Years)

● Intern at Data Insights Inc. (11 Months)

## LEADERSHIP & AWARDS

- Certified Financial Modeling & Valuation Analyst (FMVA) - 2026
- Dean's List at University of Illinois at Chicago - 2025

## CERTIFICATIONS

- Certified Financial Modeling & Valuation Analyst (FMVA) 📅 2026
- Excel for Business Certification 📅 2025

## PROFESSIONAL AFFILIATIONS

- Member of Finance Club - University of Illinois
- Participated in Hackathon: Fintech Innovation Challenge 2025

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST