

# Juan Arias

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## 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

## SKILLS

- Financial Modeling
- Automation and Scripting
- Algorithm Design
- Time Management
- C# Programming
- Real Estate Investment
- Database Management
- Critical Thinking
- Microsoft Excel
- Python Basics
- Machine Learning Techniques
- Software Development
- Data Analysis
- Statistical Analysis
- Team Collaboration

## EXPERIENCE

### Junior Quantitative Analyst

June 2025 - Present

Tech Solutions Group

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

June 2024 - May 2025

Data Insights Inc.

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.

## 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

## LANGUAGES

- English (Native) • Spanish (Proficient)

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST