

Juan Arias

Quantitative Developer Intern

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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

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.

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