



Quantitative Developer Intern

Juan Arias

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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
- Machine Learning Techniques
- Team Collaboration
- Time Management
- Critical Thinking
- Software Development

LANGUAGES

English
Native



Spanish
Proficient



MY CAREER

Yo

- Junior Quantitative Analyst at Tech Solutions Group (1 Years)
- Intern at Data Insights Inc. (11 Months)

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

2027

University of Illinois at Chicago GPA: 3.8

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

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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.

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REFERENCES

AVAILABLE ON REQUEST