
PROFESSIONAL SUMMARY

Data-driven professional with experience in financial services and a focus on blockchain technologies. I have a proven ability to process complex data and deliver actionable insights. I am skilled in Solidity, JavaScript, Python, and SQL. I have a solid understanding of blockchain fundamentals, smart contracts, and the Ethereum ecosystem. I have a track record of maintaining high accuracy in financial environments. I am currently pursuing a Master's degree with a focus on blockchain technologies.

CORE COMPETENCIES

Languages & Tools: Solidity, JavaScript, Python, HTML, SQL (SQL Server, MySQL, PostgreSQL)

Technologies: Blockchain fundamentals, Smart Contracts, Ethereum ecosystems, Tableau, Advanced Excel (VLOOKUP, Pivot Tables, Conditional Formatting)

Soft Skills: Critical Thinking, Attention to Detail, Time Management, Cross-Functional Collaboration

PORTFOLIO

Advanced Decentralized Voting App | *September 2025*

- Built and deployed a full-stack decentralized voting application on the Ethereum blockchain
- Implemented and tested smart contract logic for election management, including candidate handling and secure vote tallying
- Developed a React front-end to enable users to interact with the voting contract through Web3 integration
- Utilized Web3 storage to host election metadata, providing a decentralized and transparent system for off-chain data

Creating Smart Contract using Go Solidity | *September 2025*

- Developed a fully functional English auction smart contract. The contract manages the entire auction lifecycle, including bidding, validating bids, and settling the final sale
- Integrated with the ERC-721 standard to handle and transfer NFT assets securely. The contract holds the NFT during the auction and automatically sends it to the winning bidder
- Implemented a non-custodial system for bidders. Users can withdraw their funds if outbid. This removes the need for a trusted third party.
- Designed and wrote a separate ERC-721 NFT contract with a controlled safeMint function. The contract owner has exclusive rights to mint new tokens.

PROFESSIONAL EXPERIENCE

Product Illustration Calculations Analyst | Brighthouse Financial | Charlotte, NC

October 2022 - Present

- Enhanced calculation accuracy by 30% through the development and implementation of new methodologies for complex financial product illustrations worth \$500M+ annually
- Reduced processing errors by 45% by designing comprehensive audit frameworks for calculation models, ensuring regulatory compliance across all product lines

- Accelerated product launch timelines by 20% through the delivery of critical analytical insights during cross-functional design meetings for new financial products
 - Improved data integrity by 40% by leading end-to-end QA testing protocols, identifying and resolving discrepancies before client delivery
 - Streamlined compliance reporting by collaborating with regulatory teams to ensure calculations meet NAIC and state insurance standards
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EDUCATION & CREDENTIALS

Master of Financial Technology and Analytics | Wake Forest University | Winston-Salem, NC *Expected December 2025*
Focus: Blockchain Technologies, Financial Modeling, Risk Management, Portfolio Management

Bachelor of Science in Mathematics for Business | UNC Charlotte | Charlotte, NC *December 2020*
Concentration: Statistics, Probability, Financial Mathematics

Google Data Analytics Professional Certificate | *April 2022*
Completed a 6-month intensive program covering the data analysis lifecycle, statistical analysis, and visualization