

# LITHIN SAGGURTHI

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## PROFESSIONAL SUMMARY

Results-driven Business Applications Specialist at SWIFT with expertise in Python and VBA. Successfully led the deployment of a digital token application, enhancing system stability and optimizing workflows for significant efficiency gains. Proven ability to analyze data and present insights, fostering informed decision-making among senior leadership. Strong communicator and problem-solver.

## TECHNICAL SKILLS

- Python
- SQL
- R
- VBA
- Stata
- Fortran
- Econometric Modeling
- Time Series Analysis
- Monte Carlo Simulation
- Risk Modeling
- Bloomberg Terminal
- Excel
- Tableau
- Power BI
- Confluence Dashboards
- Linux
- Microsoft Office Suite
- WorkDay

## PROFESSIONAL EXPERIENCE

### SWIFT

Culpeper, USA

#### Business Applications Specialist

02/2024 to Current

- Led end-to-end deployment of digital token application, ensuring system stability across international teams
- Conducted statistical analysis and developed KPI dashboards for senior leadership decision-making
- Streamlined workflows through process optimization, resulting in measurable efficiency improvements

### SWIFT

Culpeper, USA

#### Change Planning & Coordination Intern

06/2023 to 08/2023

- Automated data workflows using VBA macros, reducing manual processing time by 50% (10+ hours weekly)
- Built dynamic dashboard to visualize system performance trends and presented insights to senior leadership
- Created user documentation and training materials supporting automation tool adoption

## EDUCATION

### MASTER OF SCIENCE: FINANCE

Expected in 09/2026

George Mason University, Fairfax, VA

GPA: 3.8

- Projects and Research: Firm Valuation, Monte Carlo Simulations, DCF Analysis, Portfolio Optimization
- Ranked in Top 10% of class
- Dean's List

### BACHELOR OF SCIENCE: ECONOMICS, FINANCE, DATA SCIENCE

12/2023

George Mason University, Fairfax, VA

GPA: 3.8/4.0

- Thesis Title: "Opportunistic Behavior and Responsibility Shirking in the Workplace: A Principal-Agent Problem"
- Dean's List

## HOBBIES AND INTERESTS

- Watchmaking
- Bodybuilding
- Technology
- Cars

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## PROJECTS AND ACHIEVEMENTS

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- Developed statistical models using Python, R, and Stata for financial data analysis and forecasting
- Applied econometric techniques including time series analysis for economic dataset evaluation
- Implemented automated solutions reducing manual analysis time by 50% with real-time performance monitoring

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## CORE COMPETENCIES

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Statistical modeling, econometric analysis, algorithmic development, portfolio optimization, DCF modeling, financial statement analysis, valuation techniques, scenario analysis, Capital budgeting, financial planning, M&A analysis, cost of capital calculations, Process automation, system integration, dashboard development

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## CERTIFICATIONS

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- Bloomberg Terminal
- Bloomberg Market Concepts