

Josephine Simpson

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SUMMARY

Finance student applying **financial modeling, data analytics, cost estimating**, statistics, and business judgment across aerospace focused university work. Maintains a 3.7 GPA while pursuing a Bachelor of Science in Finance, with graduation planned for May 2028. Builds practical models in Excel and Power BI, evaluates operational datasets, tests assumptions, and converts findings into concise recommendations for faculty and peer review. Recent work connects production volume, labor, materials, overhead, cash flow, and schedule scenarios with program economics. Campus service, tutoring, and association involvement have strengthened communication, initiative, adaptability, teamwork, and accountable follow through. Comfortable presenting quantitative findings, asking thoughtful questions, and learning from finance professionals and operations teams. Available for **full time**, in person summer internship work and eligible relocation opportunities.

EDUCATION

Bachelor of Science in Finance

2028

Arizona State University GPA: 3.7

Tempe, AZ

Coursework: Financial modeling, data analytics, cost estimating, statistics, operations research

TECHNICAL SKILLS

- **Financial Modeling:** Excel, scenario analysis, forecasting
- **Data Analytics:** Power BI, Excel, data validation
- **Cost Estimating:** Direct costs, overhead, contingency
- **Financial Planning:** Cash flow, budgets, projections
- **Statistics:** Descriptive statistics, outlier review, trend analysis
- **Business Analysis:** Decision support, sensitivity analysis, business cases
- **Aerospace Finance:** Program economics, production costs, schedule analysis
- **Operations Analysis:** Manufacturing milestones, production rates, supplier assumptions
- **Presentation Tools:** PowerPoint, charts, briefing notes
- **Research Methods:** Dataset reconciliation, source notes, peer review
- **Communication:** Finance briefings, seminar presentations, faculty discussions

SKILLS

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|----------------------|-------------------|--------------------|----------------------------|
| • Financial modeling | • Business acumen | • Decision support | • Leadership |
| • Data analytics | • Excel | • Communication | • Teamwork |
| • Cost estimating | • Power BI | • Adaptability | • Presentation development |
| • Financial planning | • Statistics | • Initiative | |

EXPERIENCE

Aerospace Finance Project Analyst

January 2026 to Present

University Project

Tempe, AZ

Supports a semester long **aerospace** finance simulation through **financial modeling**, cost analysis, operational data review, and decision support. Presents findings in a finance seminar while maintaining reproducible workpapers, source notes, and model checks for peer and faculty review.

- Built **Excel** model linking volume, labor, materials, overhead, and schedules for program forecasts
- Analyzed 12,000 row dataset in Excel and **Power BI**, identifying production cost drivers
- Developed estimating scenarios for production rates and suppliers, then explained sensitivity tradeoffs
- Connected **manufacturing** milestones with cash flow timing, improving planning insight for program decisions
- Presented model findings to 24 students, answering questions on assumptions and limitations
- Maintained source notes, version control, calculation checks, and reproducible analysis materials

Financial Analytics Research Assistant

September 2025 to December 2025

Academic Research

Tempe, AZ

Completed faculty supervised research on aerospace and industrial financial data, combining record reconciliation, descriptive statistics, comparative modeling, and concise **communication** of findings. Coordinated checkpoints with a faculty advisor and two student researchers.

- Evaluated **aerospace** financial datasets for cost structure, capital intensity, and operating performance
- Reconciled multi year records in Excel, documenting definitions and exceptions before analysis
- Created comparative models using income statement and cash flow variables for operating scenarios
- Applied descriptive **statistics** to separate recurring trends from unusual observations for faculty review
- Prepared charts and briefing notes that translated findings into clear business implications
- Tracked weekly questions with faculty and peers, completing assigned analyses by academic deadlines

Cost Estimating and Financial Planning Analyst

January 2025 to May 2025

Course Project

Tempe, AZ

Developed a team based estimate for a hypothetical engineered product, organizing cost assumptions, planning scenarios, statistical checks, and finance **communication**. Peer review supported transparent logic and a polished submission delivered on schedule.

- Developed Excel estimate for materials, labor, overhead, and contingency assumptions
- Documented estimating rationale so classmates could trace inputs and challenge model changes
- Created base, upside, and downside scenarios for pricing, volume, and cost uncertainty
- Used statistical analysis to identify sample cost outliers requiring validation before inclusion
- Delivered finance briefing separating facts, assumptions, uncertainties, and recommendations for faculty
- Completed peer checks on formulas, references, and model logic before scheduled submission

PROJECTS

Aerospace Program Cost Analysis 📅 2026

Connected production assumptions, operating milestones, cost drivers, and cash flow timing in a simulated aerospace program model. Findings supported structured discussion of financial planning and operational decisions.

Financial Planning Scenario Study 📅 2025

Compared production, supplier, pricing, and volume scenarios through Excel models and statistical review. Clear documentation helped reviewers assess assumptions, sensitivities, and projected financial outcomes.

LEADERSHIP & AWARDS

- Dean's List, 2025 and 2026
- University Business Case Competition Finalist, 2026
- Academic Achievement Scholarship, 2025

CERTIFICATIONS

- Analyze Data with Power BI 📅 2026
- Business and Financial Modeling Specialization 📅 2026

PROFESSIONAL AFFILIATIONS

- Finance Student Association, Events Committee Member, 2025 to Present
- Campus Community Service Council, Volunteer Team Lead, 2026 to Present
- Peer Finance Tutoring Program, Volunteer Tutor, 2026 to Present

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST