

# Luis Salik

Chicago, IL | [lsalik.dev](https://lsalik.dev) | [linkedin.com/in/luis-salik](https://linkedin.com/in/luis-salik)

## WORK EXPERIENCE

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**Data Integration Engineer**, *MW Components* - Chicago, IL **December 2025 - Present**

- Engineered time-series forecasting pipelines using ARIMA and Random Forest models, identifying 200 anomalies in manufacturing data, improving predictive accuracy by 30%.
- Designed and deployed an interactive Streamlit dashboard to deliver key insights to the Executive Leadership Team, streamlining reports and eliminating past-due orders by 80%.
- Refactored website architecture and integrated Typesense for optimized search indexing, accelerating page load speeds by 40% and boosting organic SEO traffic by 25%.

**Software Engineer**, *Valor Esports* - Remote **December 2023 - December 2025**

- Created and led high-performance programs and interactive workshops, driving global client acquisition, with over 100 clients from North America, Europe, Oceania and the Middle East.
- Integrated REST APIs to process 1000+ gameplay hours using Python on robust backend pipelines, leveraging Pandas to produce classification models on athletes' playstyles.
- Designed 16+ metrics using data science frameworks (scikit-learn, XGBoost) for insights on player capabilities, improving performances by 40% over three months.

## EDUCATION

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**Aerospace Engineering (B.S.)**, *University of Illinois Urbana-Champaign*

- Designed and implemented autonomous collision avoidance systems for drones in C.
- Manufactured and tested carbon fiber paneling created with prepreg lamination techniques.
- Proceed, analyzed and managed big data for weather patterns via Pandas and Dask.

## SKILLS & LANGUAGES

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**Programming:** Python, C, C++, Rust, TypeScript, JavaScript, Astro, Git, Docker, AWS, CI/CD

**Mechanical Design & Testing:** SolidWorks, CATIA, AutoCAD, MATLAB, GD&T, FEA, NDT

**Languages:** English, Portuguese, Spanish, French

**Soft Skills:** Communication, Analytical Problem Solving, Cross-Functional Teamwork