

Leonardo Alves Nunes

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EDUCATION

Grinnell College

B.A in Computer Science and Economics, Statistics Concentration

Grinnell, IA - May 2027

GPA: 3.7

WORK EXPERIENCE

Data Science and Analytics Intern | *Ismart*

May 2025 – July 2025

- Built Machine Learning models (Regressions, Random Forest and XGBoost) to recommend the top 30 high potential schools on a map for outreach, identifying statistically significant drivers from census and admissions data
- Developed interactive Streamlit dashboards with 25+ visualizations to help educators monitor KPIs, engagement, and social indicators for a tech-focused program, supporting micro and macro level decision-making
- Created an ETL pipeline for academic performance and engagement data using the Google Sheets API and Pandas (Python), preparing it for analysis and storage in Azure SQL Database
- Designed a snowflake-schema data model within a scalable architecture to integrate multi-platform and organizational student records, optimizing storage via normalized dimensions and integer encoding

Computer Science Grader | *Grinnell College*

August 2024 – Present

- Graded C and Java assignments from 60+ students, providing detailed feedback on coding standards and clean code practices
- Collaborated with faculty in weekly meetings to refine grading methods and ensure alignment on C language, Java, Object-Oriented Programming and Data Structures concepts and evaluation criteria
- Provided constructive, code-specific feedback on syntax, logic, and structure, while upholding confidentiality and maintaining impartial grading practices

Data and Software Engineering Intern | *LyfeOS*

May 2024 – August 2024

- Developed an end-to-end web system with JavaScript and DynamoDB (AWS) to automate app content updates
- Led user interviews and tests to address pain points through cross-functional work with Content and Design teams
- Automated 3 data entry processes with Python (PyAutoGUI)
- Designed UML diagrams and prototypes using Figma
- Documented 25+ tables of data lake bronze layer and 10+ app events for data analysis on Amplitude

PROJECTS

GOALS! - Habit Tracker | *React, JavaScript, MongoDB, Node.js, Tailwind CSS*

December 2024 – Present

- Designed REST APIs with Node.js and Express, implementing 10+ endpoints to perform CRUD operations on goals and contributions.
- Created intuitive interactions with React and Tailwind CSS for Front-end
- Implemented a Continuous Integration (CI) pipeline to automate test execution with Vitest on every code push

Panpedia - Data Catalog (Client: Banco Pan) | *HTML, CSS, JavaScript, Node.js, SQLite*

April 2023 – June 2023

- Developed the Front-end of the catalog with Tailwind and prototyping with Figma
- Created the Value Proposition Canvas, SWOT Matrix, and analyzed Porter's Five Forces
- Organized daily meetings following Agile methodology best practices

COWO - Cozy Work Game (Client: Cia de Talentos) | *GDScript, UX/UI Design*

February 2023 – April 2023

- Presented the MVP of the game focused on teaching soft skills
- Programmed mini-games with GDScript (similar to Python)
- Conducted usability tests and interviews with users and the client

SKILLS

Technical Skills: JavaScript, TypeScript, React, Node.js, Python, Java, SQL, MongoDB, HTML, CSS, C, R

Tools/Technologies: Git, Linux, AWS DynamoDB, SQLite, VS Code, WordPress, Figma, Photoshop