

Isis Yari Correa Tume

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EDUCATION

Lake Forest College – Lake Forest IL

May 2027

Bachelor of Economics and Computer Science, Minor in International Relations

GPA: 3.8

Relevant Coursework: Abstract and Discrete Math, Data Structures and Algorithms, Computer Science I & II, Calculus I, Programming for Data Applications, Introduction to Database Systems.

Honors: Dean's List Student

EMPLOYMENT EXPERIENCE

Lake Forest College Career Advancement Center – Student Ambassador

January 2024 – May 2024

- Led and implemented social media redesign and analytics strategy based on engagement data.
- Organized and cleaned admissions data using Smartsheet.

Krebs Center – Research Assistant

May 2024 – Present

- Lead developer for the \$1.2M Mellon HUMAN Grant website initiative; developing front and back end using C#, HTML, and Java.
- Manage a team of three computer science research assistants in building technical infrastructure for public access.
- Proposed and launched new project evaluating GRPO and RLHF to assess bias reduction in AI/ML models.
- Supervise research assistants and design prompt-testing workflows using Postman for AI model deployment.
- Conduct model evaluation research, assessing tradeoffs and suitability of AI models for limited-resource environments.
- Authored reports on tool compatibility and data pipeline optimization.

JP Morgan Chase & Co. – Data Science Fellowship

June 2025- July 2025

- Applied Python and cloud-based analytics tools to explore global datasets and enhance business intelligence workflows.
- Designed and prototyped data-driven web pages using Figma, aligning features with the workflows and priorities of both data scientists and banking professionals.
- Contributed to a capstone project analyzing consumer data usage patterns in international markets, delivering actionable insights to stakeholders.
- Participated in professional development seminars and cross-functional networking to strengthen technical and industry knowledge.

PROJECTS

AI Data Pipeline Automation — Python, JSON, Excel, AWS

- Automated over 200 Excel-to-JSON conversions using Python to support training data for AWS models.
- Developed script to convert JSON to .txt for AWS model ingestion, optimizing AI training pipeline.

Beginner Web Development Template + Personal Portfolio — HTML, CSS, GitHub, AI tools

- Designed accessible HTML/CSS template with step-by-step instructions for beginner developers.
- Launched a personal site with typewriter animation and sectioned layout: Projects, About, Contact.

Inclusive Eating Game (In Progress) — Python, Game Dev, Accessibility

- Designed a character-driven game with inclusive mechanics and feedback systems (audio/vibration).

LEADERSHIP, EXTRACURRICULAR AND VOLUNTEER EXPERIENCE

Lake Forest College, Debate Club Leader and Founder / Lake Forest College, Latinos Unidos President / Investment Club Lake Forest College, member / Girls Who Code Loop, member/ Computer Science Club, member / First Generation Student Club, member / "Dilo" Peru, Founder and web development volunteer/ Color Stack, member

SKILLS

Technical: Microsoft Suite 365, Jupyter Notebook, Python, Java Script (intermediate), Visual Studio Code, C# (intermediate), Tableau, SQL, PowerBI

Languages: Spanish (Native), English (Fluent), Portuguese (beginner)