LAURA SARAIVA FÉLIX

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EDUCATION

Northwestern University, GPA: 3.54/4.0

Bachelor of Arts in **Computer Science**, **Segal Design Certificate**, **Russian Minor**   Expected 2026

Relevant Coursework: Design & Analysis of Algorithms, User Experience Design, Artificial Intelligence, Agile Software Development, Operating Systems, HCI, Multivariable Calculus & Linear Algebra

SKILLS

Programming	Python, C++, C, TypeScript, JavaScript, SQL, Java, Rust
Frameworks	React, Next.js, React Native, Flask, Tailwind, CSS
Tools	Git, AWS, Terraform, MongoDB, DynamoDB, Unity

WORK EXPERIENCE

Software Engineering Thrive Intern   June 2024 - Aug 2024

Duolingo   *Pittsburgh, PA*

- Developed a trilingual, song-based language-learning web app using React and Flask.
- Designed database architecture with Terraform, and integrated internal ML tooling for real-time lyric-to-translation alignment.

Research Assistant   Mar 2025 - Present

MU Collective Lab   *Evanston, IL*

- Contributed to an LLM-powered EduTech research app; developed full-stack features in React, Flask, and PostgreSQL with a 10+ member student team.

Peer Mentor (Undergraduate Teaching Assistant)   Sep 2023 - Present

Northwestern Computer Science Department   *Evanston, IL*

- Led weekly office hours and review sessions for 300+ COMPSCI 111 students.
- Facilitated ethics discussions on AI bias for 30+ students.

Computer Programmer Aide   Mar 2023 - Sep 2023

Simpson Querrey Institute for BioNanotechnology   *Chicago, IL*

- Created efficient data processing functions in Rust and Python, reducing runtime by 10%.

Citadel and Citadel Securities Extern and Scholar   May 2023 - August 2023

Citadel and Citadel Securities   *New York City, NY*

- Built a functional trading platform using Flask, Python, and Bootstrap.
- Participated in simulated trading and learned quantitative trading principles.

EXTRACURRICULARS

Internal President, Internal Outreach Chair Women in Computing (Mar 2024 - Present)

- Managed a $40k budget, organized senior gala for 100+ attendees - including the McCormick Dean.

Professional Development Chair Brazilian Student Association (Sep 2023 - Present)

Software Team Member Northwestern Formula Racing (Sep 2022 - Aug 2023)

Brazilian Team Captain International Young Physicists' Tournament (March 2021 - August 2021)

- Elected as the first female captain in my country's history; competed at the international level.
- Studied advanced physics topics such as Lagrangian mechanics and QFT.

AWARDS AND ACHIEVEMENTS

DE Shaw Latitude Fellow (2024)	**Jane Street** IN FOCUS SWE Fellow (2024)
Jane Street FOCUS Fellow (2023)	**Goldman Sachs'** Possibilities Program (2023)
Uber Career Prep Fellow (2023)	**Google** Travel Award - "Lesbians Who Tech" (2022)
Brazilian Young Physicists' Tournament Gold Medal (2021)	**Brazilian Science Olympiad** 2x Gold Medal (2021)

Brazilian Astronomy Olympiad Gold, Silver Medal (2021)