

Luiz Bossetto

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Education

Illinois Wesleyan University, Bloomington, IL

Cumulative GPA: 3.73/4.0

Bachelor of Arts, May 2026 | *Major*: Computer Science; *Minor*: Data Science

Dean's List: 2022 – Present

Relevant coursework: Discrete Mathematics; Computer Organization-Architecture; Deep Learning; Software Development; Advanced Data Analysis; Algorithm Design and Analysis, Programming Languages.

Technical/Language Skills

- Python; Flask; PyTorch; C++; SQL; HTML; CSS; Bootstrap; Bulma; JavaScript; ReactJS; Microsoft Excel; Git; Figma;
- English (TOEFL Certification); Portuguese.

Certifications/Additional Coursework

- **Web Development with ReactJS** (Google, 2021); **Full Stack Development Bootcamp** (Faus, 2023); **Advanced Python** (Geek University, 2023); **Quantum Computing Research and Development** (IBM, 2022)

Professional/Self-Driven Projects

Titan Study Tables - Illinois Wesleyan Athletics | *Full Stack – Flask, SQLite*

September 2024 – Present

- Collaborate with a team of four to develop a full-stack web application that tracks student-athletes' study hours and class attendance, currently supporting over 700 active users.
- App consists of gathering and presenting study data in weekly reports to student-athletes, coaches, professors, and athletic directors, showing whether student-athletes have reached their required weekly study hours.
- Reduced paper usage and automated data handling, leading to efficient and sustainable data management.

Jibi - The Comic Book Review Platform | *Full Stack – Flask, SQLite*

June 2024 – Present

- Partner with a teammate to create a social media web app for comic book enthusiasts to upload reviews, ratings, recommendations, and photos of comic books.
- Features include user profiles, search engines, and curated feed sections, enhancing engagement and user experience.

CAPTCHA Recognition Model | *Machine Learning – PyTorch*

March 2024 – April 2024

- Trained a model through supervised learning that solved text-based CAPTCHA puzzles.
- Achieved a success rate of 99.85% on a dataset containing ten thousand randomly generated images, ensuring data generalization and model integrity.

AI ChatBot Application | *Machine Learning – NLTK, Scikit-learn*

December 2023

- Created a neural network that answered questions provided by users, based on pattern recognition acquired through training from static data.

Kindle Backend Application | *Python Programming - Vanilla Python (OOP)*

May 2023 – June 2023

- Developed a backend system to visualize and track the progress of a book, assisting users with knowing where they left off on the pages they were reading.

Relevant Employment

IT Student Associate | *IWU Information Technology*, Bloomington, IL

August 2024 – Present

- Troubleshoot and investigate IT-related issues for students, faculty, and staff; handle operational systems, computer hardware, and third-party tools.

Web Designer | *Self-employed*, Santo Andre, Brazil

January 2022 – May 2022

- Designed the layout and structure of websites for businesses, increasing brand exposure and revenue.
- *Projects*: websites for construction, local businesses, eCommerce, and finance firms.

On-Campus Leadership Experience

Resident Advisor | *IWU Office of Residential Life*

August 2024 – Present

- Cultivate a safe and inclusive community by providing guidance, mentorship, and resources to residents.

Student Manager | *IWU Sodexo Dining*, Bloomington, IL

October 2022 – August 2024

- Led training sessions for staff; supervised staff during high-traffic dining areas to ensure quality service.