

## FÁBIO LUIS DE CARVALHO TERRA

Hello, world!

I am a 5th-semester Software Engineering student at IDP (Instituto Brasileiro de Ensino, Desenvolvimento e Pesquisa). I started my degree in the second semester of 2023 and expect to graduate in the first semester of 2027.

Throughout the course, I discovered a strong interest in UX/UI. Since childhood, I have always been fascinated by creating designs from scratch – I enjoyed seeing a blank canvas take shape and transform into something I had imagined. Back then, I would even look for free online Photoshop courses just to satisfy this creative drive.

As I advanced in my studies, I also developed a passion for competitive programming. I enjoy the challenge of solving logical problems with code, as well as the frustration of not understanding why a solution isn't accepted (sometimes simply because of a missing "\n").

I have always kept my grades high by studying theory and doing exercises. In college, I have also been working on practical projects to strengthen my foundational knowledge and apply the theory I learned in class.

## EXPERIENCE

**Volunteer Research (1st and 2nd semester)**  
Collaborated with a FAP (Fundação de apoio à pesquisa) - supported team in developing a system for data collection and mapping of the Aedes aegypti mosquito in the Federal District.

2023.2

2024.1

2025.1

2025.2

**Linear Algebra Teaching Assistant (2nd semester)**  
Assisted students in understanding theoretical concepts and solving practical exercises.

**IDP Hackathon – 3rd Edition (2nd semester)**  
Contributed to the development of a plugin designed to help students overcome procrastination and support teachers in grading activities.

**IDP Sprint – 4th Edition (4th semester)**  
Developed a web page integrated with a loyalty system for Hplus Hotelaria. Worked on the MySQL database and administrative dashboard using Streamlit, while also contributing to the front-end with HTML and CSS.

**IDP Hackathon – 5th Edition (4th semester)**  
Winner with my team by developing an AI solution that supports food donation processes using ANVISA's official food donation guidelines.

**Programming Techniques and Algorithm Analysis (Competitive Programming) Teaching Assistant (5th semester)**  
Assisted students in understanding theoretical concepts and solving practical exercises.

### EVENT NAME

Event description: date, event summary, more infos

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### C++

### C#

### JAVA

### PROJECTS

### ML

### CSS

### JAVASCRIPT

### PROJECT NAME

BRIEF DESCRIPTION OF THE PROJECT

SKILLS USED / SOFT SKILLS APPLIED

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