

# Vinícius Bregoli

Software Developer

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## TECHNICAL SKILLS

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**Languages:** Python, Rust, JavaScript, C/C++, SQL, HTML, CSS

**Frameworks & Libraries:** Node.js, Pytorch, OpenCV

**Tools & Platforms:** Git, Linux, Virtualization

**Areas:** Full-Stack Development, Machine Learning, Deployment, IT Infrastructure

## WORK EXPERIENCE

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### ML/AI Developer

Curitiba, Brazil

Kinebot

Sept 2025 – Present

- Developing computer vision solutions for human pose estimation
- Implementing and fine-tuning LLM-based applications
- Building ML pipelines primarily in Python using PyTorch and OpenCV

### Intern – Software Development

Curitiba, Brazil

Exati Tecnologias

2022 – 2023

- Developed and maintained web applications using Vue.js
- Integrated frontend applications with backend services using Java and Node.js
- Designed and managed PostgreSQL databases
- Collaborated using Git/GitLab for version control and YouTrack for task management

### Intern – IT Infrastructure

Curitiba, Brazil

Siemens Energy Brasil

2021 – 2022

- Managed IT infrastructure and virtualization environments
- Provided remote technical support in a high-demand corporate environment
- Handled call and ticket management systems

## EDUCATION

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### Computer Science and AI (Exchange Program)

Ingolstadt, Germany

Technische Hochschule Ingolstadt

Oct 2024 – Aug 2025

### B.Eng. Computer Engineering

Curitiba, Brazil

Pontifical Catholic University of Paraná (PUCPR)

2020 – 2025

## PROJECTS & RESEARCH

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### Digital Twins Research – Airbus Partnership

2021

Scholarship Program for Initiation in Technological Development and Innovation, focusing on digital twins and their applications in aerospace projects.

### PUCPR Mobile Robotics Team

2020 – 2023

Contributed to development of follow-line, sumo, trekking, and combat robots. Competed in RoboCore Experience (RCX) and IRONCup competitions.

## LANGUAGES

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English (Fluent) · Portuguese (Native) · Spanish (Intermediate) · German (Beginner)