Joao Victor Lira

Computer Science
Liberal Arts and Sciences
Iowa State University

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EDUCATION

• **Iowa State University** *Aug 2019 - May 2024*
Bachelor in Computer Science

PROFESSIONAL EXPERIENCE

•**Information Technology Support I** *May 2023 - present*
Iowa State University - Computer Science department Ames, IA
  - Provided excellent customer service to students and faculty with technical issues and provided equipment through the loaning program of the Computer Science department
  - Leveraged expertise in JAMF, MECM, and Active Directory to deploy and troubleshoot over 700 departmental computers, enhancing operational efficiency.
  - Spearheaded the automation of inventory tracking processes through the creation of a Python program to analyze Excel files, resulting in a 10% increase in performance

•**Computer Lab Monitor** *Set 2022 - May 2023*
Iowa State University - Math department Ames, IA
  - Ensured exceptional functionality of a computer lab with 50 devices by frequent and thorough maintenance and troubleshoot of hardware
  - Guided with clarity students having difficulties in Microsoft Office suite, printing and hardware problems, and other tech-related questions
  - Designed dazzling Flyers to be placed on campus walls to bring more people into the lab

•**Web Master - ISU Web Development Club** *May 2023 - present*
Iowa State University Ames, IA

  - Collaborated closely with a small company owner to collect the requirements for designing her website in Figma
  - Introduced students to the field of web development and assisted with programming questions
  - Maintained the club's official website

PROJECTS

•**Calendar Event Planner** *May 2022 - In progress*
A CRUD multi-functional and robust event planner web app

  - Created the app using HTML, CSS, JS, PHP and MySQL leveraging the JavaScript Built-in 'Date' Object for accurate event scheduling and management.
  - Developed and Designed Modals for higher user interactivity, customizability, and overall visual pleasantness.
  - Implemented user events and information through PHP to MySQL communication in a REST API

•**AI Character Recognition** *Sep 30 - Sep 31*
A web application that identifies specific SpongeBob characters using TensorFlow.

  - Crafted a lively SpongeBob-themed design for both the main and result pages.
  - Implemented backend communication with the AI model using Flask.
  - Assisted the training of TensorFlow models to achieve successful character recognition.

ACHIEVEMENTS

•**Creative Developer Rank II** Achieved the merit from Software Development Practices class. *Dec 2022*
•**Computer Assembly Certificate** Achieved the certification from the Barriga Verde course. *May 2021*