Héctor Yoav Ugarte Ramírez

@ hector_ugarter@hotmail.com | 🔗 LinkedIn | ⚙ GitHub | ⊕ Portfolio | 📍 Puebla, Mexico

Skills

Soft Skills: Leadership, Organized, Teamwork
Tech Skills: PHP, Java, Python, Django, Angular, React, JavaScript, TypeScript, Bash, Serverless
Tools: Github, VSCode, Bash, VIM, LinuxOS
Cloud: AWS, GCP

Experience

AddAstra   Puebla, México
Fullstack Engineer Intern   *Jan 2024 – Present*
- Proficient Full Stack Programmer specializing in WordPress and PHP development.
- Integrated WooCommerce with various eCommerce platforms, increasing client sales by 20%.
- Developed and integrated complex animations and Three.js for several landing pages, enhancing user engagement and optimizing performance.

CIIEC   Puebla, México
Assistant Researcher   *Jul 2023 – Apr 2024*
- Implemented machine learning methods, including K-means, to cluster and identify behavior patterns in EEG readings. This automation enhanced the analysis process, improving efficiency and precision in interpreting EEG data.

Mirai Innovation Research Institute   Osaka, Japan
Software Engineer Intern   *Apr 2023 – Jul 2023*
- Implemented a platform using RTSP protocol, Django, and React for real-time visualization and remote control of a vehicle.
- Developed an AI capable of predicting and following roads, enhancing the ease of vehicle operation.

Projects

AWS-Deployed Rental Management Platform | *ArmoredMex*
- Developed a comprehensive platform for a luxury car rental company facilitating:
  * Vehicle data tracking and management for enhanced maintenance and monitoring
  * Seamless appointment scheduling and management for improved customer experience
- Deployed the platform on AWS cloud infrastructure for scalability and reliability

Minecraft AI | *GitHub*
- Developed an AI agent for Minecraft using Python, Torch, and the MineRL framework. The objective was to autonomously collect resources without human intervention.

Resume Scanner & Soft Skills Coach App | *GitHub*
- Web application leveraging AI to enhance resumes.
- Utilizes a language model for in-depth CV analysis and nuanced feedback.
- Analyzes voice and speech patterns to detect pauses, hesitations, and improvement areas.

Education

Benemérita Universidad Autónoma de Puebla   Puebla, México
B.Sc. in Computer Science; **GPA: 9.3/10**   *Aug 2018 – Jun 2024*

Awards & Achievements

WER MEXICO 2018: Participation at the national robotics contest WER MEXICO (2018)

Mirai Innovation - Best Project for the Industry Award(Osaka, Japan). (2023)

Second Place in the ANIEI HACKATON: Recognized for creating the top applications with economic and employment relevance (Oct 2023 – Nov 2023)