Anthony Pedrosa

Artificial Intelligence Engineer

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Summary

Passionate Artificial Intelligence Engineer with extensive expertise in developing machine learning algorithms and AI systems. Proven experience in creating complex predictive AI models that integrate theoretical concepts from psychology and sociology. Strong skills in data analysis, Python and Java programming, and managing multidisciplinary projects.

Experience

Khraal Games   **September 2013 - May 2024**
Entrepreneur

- Created and monetized multiplayer games.
- Managed a multidisciplinary team for game development.
- Designed matchmaking algorithms and player behavior analysis.

Institut National des Arts et Métiers   **January 2024 - April 2024**
Adjunct Lecturer

- Teaching Human-Computer Interface Ergonomics to Senior Engineering Students.

BBC Services   **September 2022 - January 2024**
Ergonome Organisationnel

- Analyzed working conditions and designed ergonomic work systems.
- Managed projects to improve ergonomic processes.
- Trained and raised awareness among employees about ergonomics.

LF Conseil   **September 2021 - June 2022**
UX RESEARCHER

- Conducted theoretical and methodological research for mobile app mockup design.
- Coordinated user testing and analyzed feedback to improve the final product.

LIFEBAY   **September 2020 - June 2021**
UX RESEARCHER

- Theoretical and methodological research for the design of mobile application mockups for chronic stress prevention "Suzan".

AI Projects

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- **Breast Cancer Prediction with RNN AI**: Developed an RNN AI to predict breast cancer from clinical data.
- **Pneumonia Prediction from X-ray Images with CNN AI**: Designed a CNN AI capable of diagnosing pneumonia from radiographic images.
- **Sexist Recruiter AI**: Developed an AI to demonstrate potential biases in recruitment processes, integrating Klemann's theory on systems 1 & 2.

Education

Master's in Ergonomics   **2020 - 2022**
Ergonomics and Cognitive Engineering of Intelligent   University of Savoie Mont-Blanc
Systems
High Honors

Bachelor's in Sociology   **2019 - 2020**
Honors   University of Savoie Mont-Blanc

Bachelor's in Psychology   **2015 - 2018**
Honors   University of Savoie Mont-Blanc

Skills

- **Data Analysis and AI**: Proficient in machine learning algorithms (RNN, CNN), statistical analysis, and data interpretation.
- **Programming**: Python (TensorFlow, Keras), Java.
- **UX/UI Tools**: Sketch, Figma, Adobe XD.
- **Project Management**: Coordinating multidisciplinary teams, managing complex projects.
- **Theoretical Knowledge**: Psychology, Sociology applied to AI.

Languages

- **French** (Native)
- **English** (C1+ Level)