Victoria Martínez

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EDUCATION

Politécnico do Porto – Escola de Media Artes e Design   *Porto, Portugal*
BS in Technologies and Information Systems for the Web   *Expected Graduation: 2025*

PROJECTS

Nimbus

Project Manager, UI Designer, Front-end Developer

- I led the development of a top-rated, personalized weather forecasting web platform. Utilizing VueJS and integrating multiple APIs, I designed user-centric interfaces using Whimsical and Figma, implementing avatar creation and gamification features. I am now optimizing the platform's performance by implementing techniques like caching, optimizing images and HTTP request reduction.
- Technologies:
  - Front-end: VueJS.
  - APIs: OpenWeather, Google Maps.
  - Design: Whimsical, Figma, Adobe Illustrator.
  - User Research, System Usability Scale (SUS) survey.
- Achievements:
  - Top project in the discipline.
  - Intuitive and engaging design.
  - Seamless integration of multiple APIs.
  - Innovative and creative features.

Book Loop

Project Lead, Back-end Developer

- Comprehensive backend-focused software engineering project aimed at building an innovative platform for buying and selling used books.
- Methodology & Design:
  - Managed the project timeline and tasks using Gantt Chart, WBS and Agile methodologies.
  - Designed thorough UML diagrams (Activity, Use Case, Class, Object, Sequence, State).
  - Implemented a robust database.
- Development:
  - Front-end: React.
  - Developed RESTful APIs for system interaction.
  - Implementing intelligent search algorithms using user activity for customized recommendations.

LANGUAGES

English – Fluent
Spanish – Native
Portuguese – Fluent
German – A1

SKILLS

Design: Figma, Whimsical, Adobe Illustrator.
Frontend Development: JavaScript, VueJS, Nuxt.js, Tailwind CSS, Bootstrap, SASS, React.
Backend Development: Node.js, Express.js, Python, MySQL, MongoDB.
Additional Expertise: Jest, Processing, Microsoft Project, Microsoft Excel, Project Management, Communication, Debugging, Microsoft Azure, API Design, API Development, API Testing, Code Optimization, Metrics and Testing, Git, UML, Database Design, Software Engineering principles.