

José M. Pizarro, PhD

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[LinkedIn](#)

[GitHub](#)

Ph.D. in Physics with expertise in Computational Materials Science. I have 5 years of experience in agile (full-stack) software development and 2 years in data management technologies.

Programming skills	Soft skills	Software Development	Languages
✓ Python	✓ Problem-solving	✓ Agile development	Spanish: native
✓ C++	✓ Critical thinking	✓ TDD	English: C1
✓ C	✓ Analytical skills	✓ XP	German: A2-B1
✓ React	✓ Organization skills	✓ HPC	Turkish: A2-B1
✓ Linux	✓ Project planning	Currently learning	
✓ Git	and delivery	✓ ML, AI methods	
✓ MongoDB	✓ Mentoring	✓ LLMs	
✓ Elasticsearch	✓ Teaching	✓ Project	
✓ ReSTful API	✓ Presentation skills	management	

PROFESSIONAL EXPERIENCE

Humboldt University of Berlin, Germany	2022 – Present
Software Developer and Data Manager	
<ul style="list-style-type: none">Database management and development for Materials Scientists.Python and React architecture with ReSTful API and MongoDB for efficient storage of Materials Science data.Interdisciplinary collaborations and semantic web development.Presentation of results in international conferences.	
MPSD, Hamburg, Germany	2021 – 2022
Postdoctoral Research Associate	
<ul style="list-style-type: none">Development of HPC simulations in C, C++, and Python for material properties.Mentoring of PhD, MSc, and BSc students. Interdisciplinary collaborations.Presentation of results in international conferences.	
University of Bremen, Germany	2018 – 2021
Postdoctoral Research Associate	
<ul style="list-style-type: none">Development of HPC simulations in C, C++, and Python for material properties.Mentoring of MSc, and BSc students. Interdisciplinary collaborations.Presentation of results in international conferences.	

EDUCATION

Autonomous University of Madrid, Spain

PhD in Physics

Cum Laude qualification

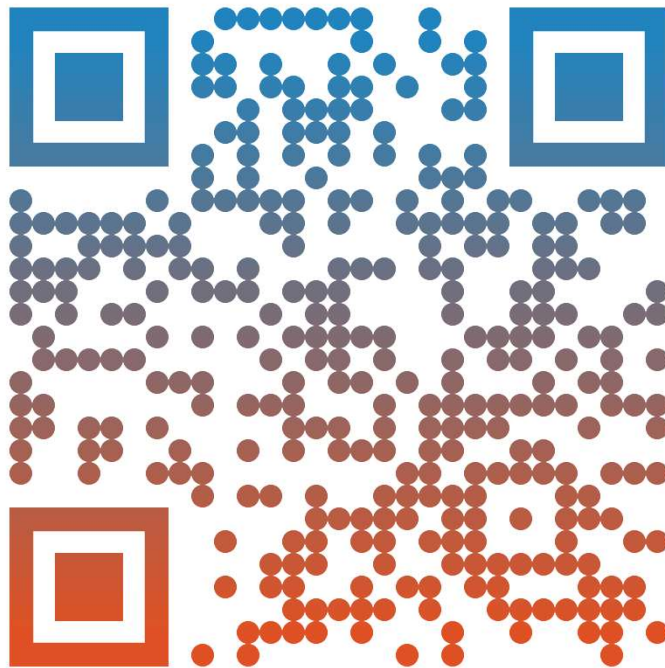
Complutense University of Madrid, Spain

MSc in Nanophysics and Advanced Materials

University of Valladolid, Spain

BSc in Physics

Feel free to visit my website for more information



<https://josepizarro3.github.io/>