

# Maria Gonzalez

Madrid, Spain

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## Education

Universidad Complutense de Madrid

PhD in Computer Science (Human-Computer Interaction)

Sep 2017 – Jun 2021 | Madrid, Spain

Thesis: 'Adaptive User Interfaces for Accessibility in Smart Environments'

Activities: HCI Research Lab, Accessibility Standards Committee, Inclusive Design Workshop Organizer

Relevant Coursework: User Experience Research, Interaction Design, Assistive Technologies, Universal Design, Cognitive Psychology, Usability Evaluation Methods, Accessible Web Development

Universidad Politécnica de Madrid

Master of Science in Computer Engineering

Sep 2015 – Jul 2017 | Madrid, Spain

GPA: 9.2/10

## Work Experience

UX Researcher | BBVA | Jul 2021 - Present | Madrid, Spain

- Led accessibility research initiatives for digital banking services, improving WCAG compliance by 95%.
- Conducted usability studies with diverse user groups including elderly and disabled participants.
- Developed accessibility guidelines and evaluation frameworks adopted across all product teams.

Accessibility Consultant | Telefónica | Jan 2019 - Jun 2021 | Madrid, Spain

- Performed accessibility audits for websites and applications against WCAG 2.1 standards.
- Trained development teams on implementing accessible solutions.
- Collaborated with product managers to integrate accessibility into product development lifecycles.

## **Skills**

Accessibility: WCAG 2.1, Section 508, ADA, EN 301 549, WAI-ARIA, Screen Reader Compatibility

UX Research: Usability Testing, User Interviews, Cognitive Walkthroughs, Heuristic Evaluation, A/B Testing

Design: Inclusive Design, Universal Design, Interaction Design, Information Architecture

Development: HTML, CSS, JavaScript, Accessible React/Angular Components, Mobile Accessibility

Assistive Technologies: Screen Readers (JAWS, NVDA, VoiceOver), Speech Recognition, Alternative Input Devices

Tools: Axe, Wave, Lighthouse, Color Contrast Analyzers, UserZoom, UserTesting

Other: Accessibility Auditing, Compliance Reporting, Remediation Planning, Stakeholder Communication

## **Certificates**

IAAP: Certified Professional in Accessibility Core Competencies (CPACC)

W3C: Web Accessibility Specialist

Nielsen Norman Group: UX Certification with Accessibility Specialization

## **Awards**

Best Paper Award - ACM SIGACCESS Conference on Computers and Accessibility

European Commission Digital Accessibility Recognition

Spanish National Research Award for Inclusive Technology