Nicolò Cavalli

FULL STACK WEB DEVELOPER

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Versatile Full Stack Web Developer with a background in Psychology, Human-Computer Interaction, and Computer Science.
Experienced in health related technologies.
Currently researching on Web Front-End testing

LANGUAGES

Italian	**Native**
English	**Advanced (IELTS C1)**
French	**Beginner**

TECHNICAL EXPERTISE

Front end	**HTML, CSS, JavaScript, Vue.js, Three.js, Cypress**
Back end	**PHP, Laravel, Python, Node.js, MySQL**
Graphic design	**Adobe XD, Illustrator, LaTeX**

CURRENT POSITION

2024 | University of Rennes (France)
PhD researcher
Web front-end testing: large scale analysis and techniques improvement

PROFESSIONAL EXPERIENCE

2022 - 2024 | CenterVue (iCare)
Web Developer, UI/UX designer
Partner in ophthalmic technology providing solutions for comprehensive screening, diagnostics and monitoring of glaucoma, diabetic retinopathy, and macular degeneration. (https://www.icare-world.com/)
- Designed, developed and tested cutting-edge UIs for a Vue.js application shared between different medical devices
- Built advanced reusable components for graphs visualizations
- Handled exam configuration, execution and review pages
- Application of unit-test and E2E automation test using Cypress
- Written JavaScript language enterprise guidelines

EDUCATION

2021 - 2022 | Post graduate course in *Artificial Intelligence for the Human Sciences*
Federico II University of Naples

Thesis topic - Machine Learning for Web Accessibility in Tensorflow.js and Vue.js

2018 - 2021 | Master's Degree in *Theory and Technology of Communication (HCI)*
Milano-Bicocca University of Milan

Thesis topic - MiCare: context, design and front-end development of an eHealth proposal for adolescents and young adults at risk of psychosis

2014 - 2017 | Bachelor's Degree in *Psychology*
IUSVE University of Venice