



PhD. Amanda García García

FULL STACK DEVELOPER

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EDUCATION

TECH

Web Development

Adalab, Madrid, (Spain)
2020 - 2021

International Ph.D. Degree in Communication Technologies and Systems

Technical University of Madrid, (Spain)
2011 - 2016

MSc. Communication Technologies and Systems

Technical University of Madrid, (Spain)
2004 - 2011

ARTS

Illustration, Narrative and Typography

Escuela Minúscula de Ilustración, (Spain)
2019 - 2021

Illustration

Escuela Superior de Dibujo Profesional - ESDIP, (Spain)
2019-2019

Professional Make Up

Stick Art Studio Barcelona, (Spain)
2015-2016

LANGUAGES

Spanish (Native)
English (Professional)
French (Professional)
German (Basic)

INTERESTS

Illustration & Urban Sketching
Graphic Design and Typography
Make Up and Characters Creation
Animation

CAREER PROFILE

Born and raised in Madrid (Spain), I started my tech career in research following my desire to continuously broaden and deepen my knowledge. In addition, I am passionate about graphic design, illustration, and sketching. Web development allows me to combine both tech and art, getting the most out of my expertise in both areas. I am looking forward to becoming a Full Stack Developer (UX / UI, Front-End, and Back-end) to put into practice this synergy. Also, I enjoy participating in Open Source Projects, Hackathons, and spreading the Programming Community.

WORK EXPERIENCE

Research Engineer (Juan de la Cierva, National Research Grant)

IMDEA Networks (Spain), 2017-2020

RESTful API development using Python and Web Frameworks for Python (Flask, Flask_SQLAlchemy, Marshmallow)

- Blockchain technology
- Wireless communications and networks (mmWave, LTE, WiFi, etc.)
- Patent creation (filed 2 patents)
- Management and administration of research laboratories

Research Engineer

Technical University of Madrid (Spain), 2011-2015

Conception and design of practical lab experiments (clean room). Experimental measures and analysis, including the formulation of analytical models based on practical experiment results.

- International research stays (France and Italy)
- Publication of results in top venues, such as international and national conferences (12) and journal papers (8) with an average impact factor of 2.85

IT technical assistant and salesperson

Morfeo Servicios Informáticos S.L, 2004-2007

OPEN-SOURCE & PROJECTS

Python MicroServices (PyMS) - PyMS is a collection of libraries, best practices and recommended ways to build microservices with Python.

Python Ladies Madrid (PyLadies Madrid) - International mentorship group with a focus on helping more women become active participants and leaders in the Python open-source community.

DTL-Blockchain - Back-End project using Python Flask, SQLAlchemy and, Marshmallow.

Rick and Morty Characters Browser - Front-End project using HTML, SASS and, React.

SKILLS

HTML5 | CSS3 | SASS | CSS Grid || Bootstrap

JavaScript | React

Python | Flask | Node JS

SQL | Python SQLAlchemy | Python Marshmallow

VSCode | PyCharm | Gulp

Blockchain - DTL

Agile (Scrum)