### Elena Torró Martínez - Front End Developer

# Work Experience

October 2011 - May 2012 - Computer science tutor in a primary school. Mursiya Extraescolares.

**February 2015** – **July 2015** - (Internship) Web developer at <u>UniMooc</u> & <u>Google Actívate España</u> - Formación Actívate. I developed the user interface of Google Actívate España courses pages, using AngularJS in the FrontEnd and Python in the Back End.

July 2015 - April 2016 - Front End Developer at Gemalto. I continued with the <u>LingUs project</u>. I developed a user dynamic statistic dashboard, using AngularJS, D3, Bootstrap, and Karma, between others. I also participated in several company events, such as the <u>Agile Spain University Day</u>

**April 2016 - November 2016** Front End Developer at DisplayNote Ltd. I was in charge of developing a new user management system, using EmberJS, QUnit and UiKit, between others.

**November 2016 -** Front End Developer at <u>myABCKit</u>. I am developing a play-based app for kids to teach them how to read and write in a personalized way. I am also writing tests and building internal tools. I am using EmberJS, Elm, QUnit, between others.

June 2016 - As a volunteer in <u>Betabeers</u>, I co-organize tech events.

#### Education

**September 2007 – June 2010** - **High School** - Instituto Licenciado Francisco Cascales. **Grade**: 7,75/10 **September 2010 – June 2012** - **Bachelor** - Computer Science minor, before switching to Multimedia Development. University of Murcia. **Grade**: 7/10

**September 2012 – June 2015 - Bachelor -** Multimedia Development Bachelor / Grado en Ingeniería Multimedia. University of Alicante. **Grade**: 8.13

July 2014 - August 2014 - Course - Web Development Bootcamp. Ironhack.

October 2015 - September 2017 (expected) MSc in Computer Languages and Systems in teaching, learning, collaboration and adaptation. UNED (Universidad Nacional de Educación a Distancia). This is a research master where my areas of interest are: learning standards (xAPI), adaptive interfaces for learning environments, usability and accessibility in learning environments and computer assisted language learning systems (CALL) Others: Several online courses related with web design and development in Platzi

### Development and design skills

**Web**: HTML5, CSS3, JavaScript (+modern web technologies: AngularJS 1x, EmberJS, JQuery, Gulp, Grunt, Webpack, React, Redux, npm, Bootstrap, Bower, Elm, NodeJS...)

**Programming:** JavaScript (minors: Elm, Ruby, Java, Python, C++)

Agile Development: Git, Scrum, Kanban, UX&Agile

Others: User Experience, Interaction Design, Information Architecture. Usability and accessibility, e-Learning

#### Languages

Spanish - Mother tongue, English - Advanced (95/120 TOEFL), French - Intermediate, Valencian - Basic

## Projects

**TOYU:** Think of Your Users. Final project at Ironhack Bootcamp to manage UX content and analysis (personas, requirements, card sorting...) http://toyu.herokuapp.com/

*Playlingua*, my bachelor thesis at the University. (<a href="https://qithub.com/elenatorro/playlingua">https://qithub.com/elenatorro/playlingua</a>). I am still improving this platform, which I use as a testing platform for my <a href="mailto:research work">research work</a>.

**ElaioAPP**: Still under development. As part of my research work, I am building a system to store and analyze student interaction in e-learning systems in order to get useful information about the students and adapt the learning environment to the student learning profile. (https://github.com/elaio)

*Midi-Redux*: MIDI File player using React and Redux, presented at JSDay 2017 <a href="https://elenatorro.github.io/midi-redux/">https://elenatorro.github.io/midi-redux/</a>

#### Talks

Talk: Introduction to UX (GDG Murcia 2014)

Talk: AngularJS & Ruby on Rails (Betabeers Murcia 2015)

Talk: UX & Agile (Agile Alicante 2015)

Talk: User Interfaces through the Ages (Codemotion 2015)

Talk: MIDI & Redux (Murcia FrontEnd 2017)
Talk: Redux through music (JSDayES 2017)