

# Kevin Romero Peces-Barba

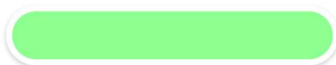
@ [kevinrpb.me](mailto:kevinrpb.me)

/ [kevinrpb](https://kevinrpb.me)

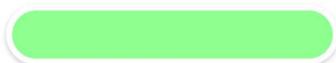
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## Apple

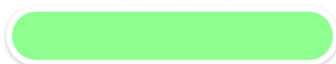
Xcode + Swift



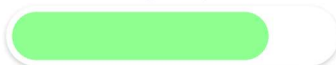
SwiftUI



Combine



UIKit

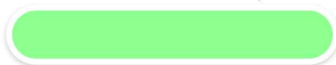


AppKit

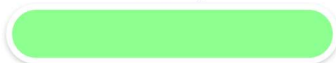


## Web

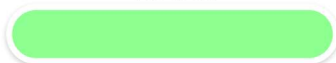
HTML + CSS + JS



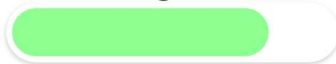
NodeJS



React

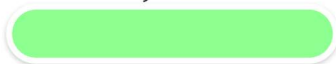


Angular



## Machine Learning

Python



## Education

### *M.S. in Computer Science & Technology*

2020 - 2022

University Carlos III of Madrid

### *B.S. in Computer Science & Engineering*

2014 - 2020

University Carlos III of Madrid

### *B.S. in Business Administration*

2014 - 2020

University Carlos III of Madrid

## Abroad

### *B.S. in Computer Science & Engineering*

2017 - 2018

University of California Santa Cruz

### *B.S. in Business Administration*

2018 - 2019

George Mason University

## Work

### *Solutions Architect*

August 2021 - August 2022

AXA Madrid International Hub

Work in the regional Technology Office providing both technological and strategical support to insurance companies located in emerging markets (Americas, Africa, Asia). This includes:

- Helping design the technical aspects of key technological and transformation projects.
- Assisting on the development of the companies' IT maturity.
- Providing support on the management of the companies' infrastructure and technical debt.

### *Research Assistant*

November 2020 - Present

University Carlos III of Madrid

Collaborate with the University's Applied Artificial Intelligence Group (GIAA) and a telecommunications provider. My work consists in:

- Conducting research on the applications of machine learning for the analysis and usage of the company's data.
- Providing counsel and advice to undergraduate students working on their B.S. theses.

### *Computer Technical Specialist*

December 2019 - July 2020

University Carlos III of Madrid

Collaborated with the University's GIAA and a telecommunications provider to complete my B.S. thesis project. My work comprised:

- Analyzing mobile traffic data patterns.
- Developing a visualization web application to aide management on taking decisions.
- Conducting research on mobile traffic analysis and forecasting using machine learning models.

### *iOS Developer Intern*

May 2019 - Aug 2019

Babel S.I.

Tensorflow/Keras

NLTK

R

## Other Coding

Git Flow

Java SE

Shell Script

ReactiveX

MVVM

p5.js

Godot

## Other Skills

UI & UX

Algorithms

Statistical Analysis

Agile (Scrum)

Leadership

Teamwork

Quick Learner

## Languages

Spanish (Native)

English (Professional Proficiency)

Contributed in the development of mobile applications for clients. These projects were iOS apps based on Swift. This included:

- Designing the architectural structure of the app, following modern patterns (MVVM, Clean).
- Implementing user interfaces and business logic, as well as the interaction between both, following reactive programming techniques (RxSwift).

### Computer Technical Specialist

Jun 2017 - Sep 2017

University Carlos III of Madrid

Worked on creating a Web Application with the purpose of business management. The project involved:

- Setting up a web server based on NodeJS and using modern frameworks such as ExpressJS.
- Managing the environment to work with a MongoDB database.
- Developing a modern, responsive website to act as the frontend to the app, taking advantage of frameworks like jQuery and MaterializeCSS.

### Multimedia Intern

Sep 2016 - Jun 2017

University Carlos III of Madrid

Provided technical support in the multimedia rooms of the University for events and classes. This covered:

- Setting up and controlling multimedia equipment such as cameras, microphones, and mix tables.
- Recording and editing multimedia material to create web-ready video content.

### Helpdesk Intern

Jan 2016 - Sep 2016

University Carlos III of Madrid

Provided technical support to professors and staff in the university. This included:

- Setting up software requirements for new computers and other devices such as printers or scanners.
- Repairing and replacing faulty components in computers.
- Troubleshooting software problems with operative systems and applications such as office suites, browsers, and email clients.

## ♥ Volunteer

### Imagineware

2014 - 2021

imagineware.org

Long 4me member in the student technology-focused club 'Imagineware'. As part of this club, I have:

- Organized and took part in different hackathons.
- Organized several events with the purpose of bringing people and technology together. The main event we have organized is the Hour Of Code ([hourofcode.com](http://hourofcode.com)), a world-wide coordinated event. During this event, which we have hosted in Universidad Carlos III for several years, we invite students from high schools and prepare a series of tech-related activities for them to enjoy.
- Organized different workshops and courses aimed at teaching office suites (such as MS Office), version control (git), and other development tools and languages. These were focused in the university and given to students of different majors.