Kevin Romero Peces-Barba

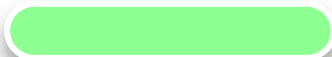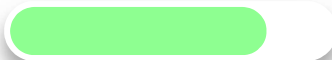⊘ *kevinrpb.me*

 /kevinrpb

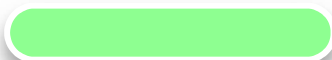## Apple

Xcode + Swift
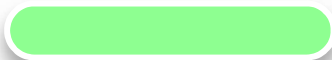
SwiftUI
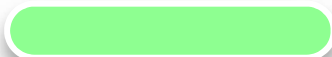
Combine
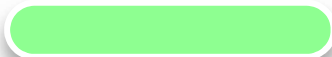
UIKit
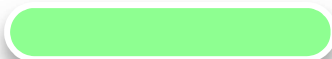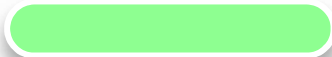
AppKit

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

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 undegraduate 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.

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

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 (Level C2)

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), 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.

IEEE GMU Club
2018 - 2019   gmuieee.github.io

During my program abroad in George Mason University I collaborated with the IEEE club to provide a series of workshops for students in the area of web development.