



Skills and Expertise

Our Projects: Skills and Expertise

PHP HTML5+CSS3 JSON JAVASCRIPT JQUERY XPATH JAVA SWIFT OBJECTIVE C C# XML+XSLT SQL TYPESCRIPT PYTHON



SmartEating

A mobile APP (iOS and Android) for food and wine discovery of Palermo. It implements also an Augmented Reality engine to looking for eating places around you.

Front end: Android (Android Studio), iOS (Xcode), Augmented Reality engine. Back end: Laravel PHP framework, MySQL DB, Json-based API RestFul for authentication and data exchange with apps



Mobile apps for GFMNet

Mobile apps developed through Xamarin Android and Xamarin iOS to manage home heating/cooling

Xamarin Android and Xamarin iOS, (Xamarin Studio and Visual Studio)



Hera Tours

iOS mobile app for iPad to show 3D model of an ancient Sicilian temple in Augmented Reality mode

iOS (Xcode), Vuforia, Unity 3D



BaziFIT

Fitness app + sensor interaction

iOS (Xcode), Vuforia
MEAN stack (MongoDB, Express.js, AngularJS, and Node.js)

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Bookenberg

Bookenberg is a web-based authoring tool to make ebooks in ePub3 format.

Wordpress, Proprietary HTML/ CSS frontend template, Microsoft ASP.NET, MySQL database, proprietary IDPF ePub 3 building engine. JSON-based API RestFull to interact with other web systems



BookAlive – Template manager

A web platform to manage a set of ebook templates built for Bookenberg.

Web Frontend: Aurelia javascript web framework
Web Backend: Microsoft Asp .NET Core, SQL lite database, JSON-based API RestFul



BookAlive – Expo installation

Kiosk application for fruition of historical reconstructions using multimedia information (text, images, 360 photos, audios, videos and eBooks) by touch and touchless interaction (Kinect based). It includes a touchless interaction with 3D Avatar that consists in animating the avatar accordingly with user's movements.

Microsoft WPF .Net, Microsoft Kinect SDK, web-based javascript libraries to show 360 images and 3D models, engine to navigate eBooks in ePub3 format in Microsoft C# .Net



GuyGunterHome

Web-based e-commerce platform for home furniture

Bootstrap, Backbone JS, Django Framework, Django Blog Zinnia, Oscar e-commerce framework for Django, Docker container, MySQL database

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OnOff

Web-based platform to manage and to analyze data in osteonecrosis of the jaw (ONJ) domain.

PHP CodeIgniter framework, MySQL database



QRouteMe®

QRouteMe is a system that integrates the use of interactive displays, QR codes and mobile devices, for the immersive use and display of information in Large Spaces (trade, cultural and commercial fairs)

Mobile: Android (Andoid Studio), iOS (Xcode)
 Desktop: Microsoft WPF .Net (Kiosk application), Html5/CSS3 responsive web frontend (bootstrap-based), Quest 3D for real-time 3D navigation
 Backend: Laravel PHP framework, MySql DataBase, Java SE for Dijkstra routing



HeadWaveCloud

Cloud platform for quick screening of seismic 3D data directly from web browser.

Amazon Web Services (Amazon EC2, Amazon S3), Laravel PHP framework, MySql DB, Json-based API RestFul



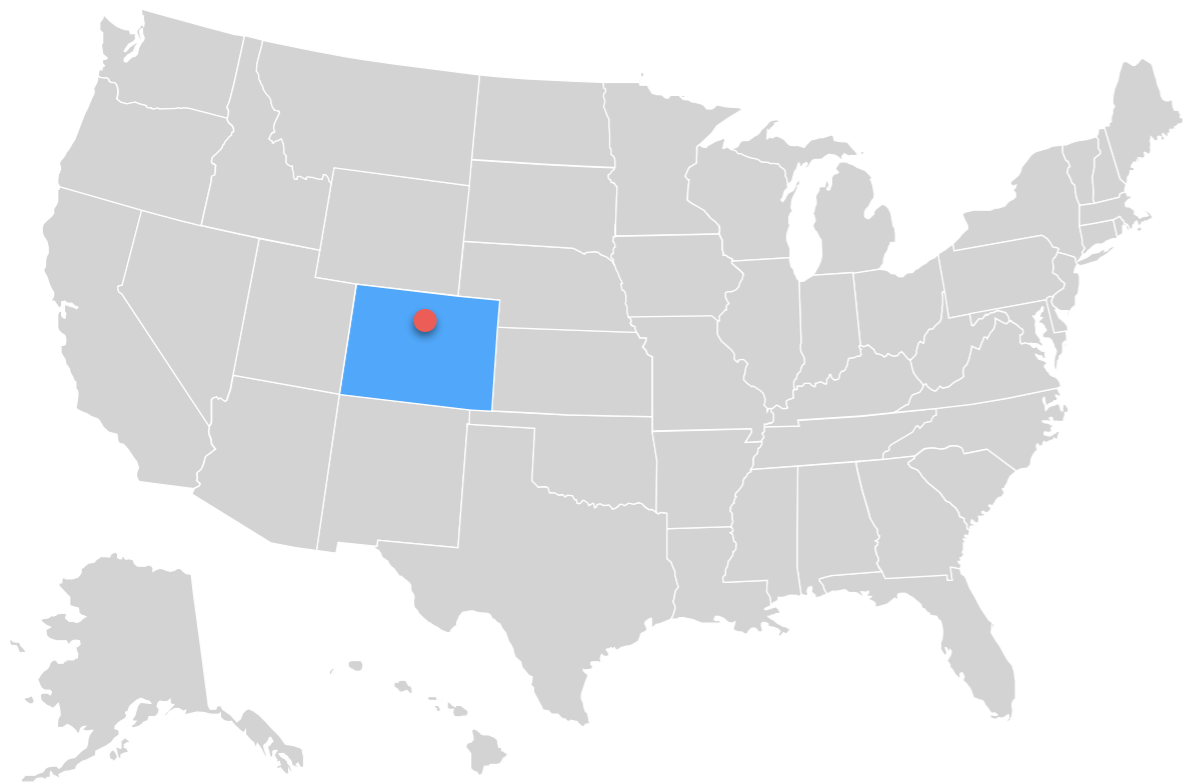
DroneCam

DroneCam is a platform to allow remote surveillance through UAVs (unmanned aerial vehicles)

Arduino / Raspberry Pi – VLC for remote video visualization

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Where



Boulder



Milano
Palermo