Emanuele Cioffi
Software Developer

Contacts:
ema.cio1793@gmail.com

Portfolio:
emkorp.vercel.app

Skills

Web Development

Game & Design Development

UX Design

Data Analytics

Machine Learning

OO Programming

Software Engineering

GIS

Known technologies

React

Tailwind

Bootstrap

Next.js

Straps

Node.js

MongoDB

Python

C #

Java

C

PostgresSQL/Post

GIS

Android

Matlab

Rapidminer

Xquery,XPath

Blender

Cucumber

Wordpress

Formation

- **The Web Development Bootcamp 2021, Udemy**

  2021

- **Master's Degree, University of Naples Federico II**

  2017 – 2020, degree: 110CL/110

  Thesis: "A methodology to improve the scalability of parking prediction systems, based on recurrent spatio-temporal patterns": analysis, cleaning and preparation of a dataset of availability of parking on the road with multi-year data coverage; evaluation of prediction methods based on regression in terms of accuracy and computational performances.
  Keywords: Machine Learning, Data Science, GIS, Python.

- **Bachelor's degree, University of Naples Federico II**

  2012 – 2017, degree: 95/110

  Thesis: "A Multimodal Route Planning and Recommendation System based on OpenStreetMap": development of a multimodal route generation system with parking indications based on user profiling, within a Client-Server application.
  Keywords: Java Spring, Hibernate, OpenStreetMap, Routing.

- **Classical High School Diploma, Liceo Classico Umberto I, Naples**

  2007 – 2012

Selected experiences

- **San Francisco Firefighters DW, university project — Data Science**
  Evaluation of strategies for managing large datasets and extracting knowledge efficiently.
  Keywords: Data Warehouse, PostgreSQL, Python, Pandas, ETL.

- **Character Recognition Neural Net, university project — Machine Learning**
  Development of a multilayer Feed Forward Neural Network for handwritten character recognition.
  Keywords: Matlab

- **Slashathlon, University Project —Game Design & Development**
  Design, pitch and development of a native mobile video game.
  Keywords: Android, Java.