

ADRIANO COTTA RAMUSINO



COMPUTER ENGINEER

MOTTO

"THE ONLY WAY IS ALL THE WAY"

PERSONAL PROFILE

I am currently studying for my master degree in Computer Engineering at the University of Pavia, with a study plan centered around computer science and multimedia.

I am working on a thesis project on the control of traffic flow via the use of self-driving vehicles seen as a network of macro-actuators.

TECHNICAL SKILLS

Java C C++ SQL Matlab

HTML CSS PHP Javascript Wordpress

3ds Max Blender SOLIDWORKS

Simplify3D CURA Slic3r

Network analysis Wireshark

Project management

Adobe Photoshop Adobe Illustrator

LANGUAGES SPOKEN

Italian: native

English: advanced

Spanish: basic

CONTACTS

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PREVIOUS EXPERIENCES

2016-2020: bachelor degree at University of Pavia

Development of a web portal dedicated to food critics based on Java, built from the ground up, both front-end and back-end.

Thesis project on the reconstruction of two statues from the XV century, stolen from the church of San Luca in Pavia, that have then been 3D printed and donated to the community.

2020: freelance content developer for the racing simulator Assetto Corsa

Over 100 vehicles and 20 tracks, from the 3D modeling and texturing, to the scripting of the physics behavior.

2020-ongoing: master degree at University of Pavia

Design and optimization of a web server aimed at rivaling the performance of mainstream hosting services at a fraction of the cost, using a RaspberryPi in conjunction with NGINX.

Gray-box analysis of H.266 encoder VVenC, and proposal of prediction model for encoding complexity.

2021-ongoing: graphic designer for Honolulu Kitchen

Brand identity and recognition development and management, from restaurant visual assets to advertisement campaigns.

PERSONAL INTERESTS

I have always had a very strong interest in the automotive and motor racing world, that nicely fits my engineering mindset.

I have a solid background in digital graphics, that I do professionally on occasion, and good 3D modeling skills, coupled with a passion for 3D designing and printing.