

OIER LAUZIRIKA ZARRABEITIA

Student of Double M.Sc. in Telecommunications Engineering and Electronic Systems Engineering

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EDUCATION

M.Sc. in Telecommunications Engineering

Universidad Politécnica de Madrid (UPM)

📅 September 2021 - Ongoing

📍 ETSIT-UPM

- Average mark: 8.48/10
- Honors in:
 - Ingeniería de Sistemas de instrumentación (6 ECTS)
 - Sistemas y Servicios Multimedia (6 ECTS)

M.Sc. in Electronic Systems Engineering

Universidad Politécnica de Madrid (UPM)

📅 September 2021 - Ongoing

📍 ETSIT-UPM

B.Sc. in Sound and Image Engineering

Universidad Politécnica de Madrid (UPM)

📅 September 2017 - June 2021

📍 ETSIST-UPM

- Average mark: 8.65/10
- Honors in:
 - Talleres de iniciación a la ingeniería (3 ECTS)
 - Álgebra lineal (6 ECTS)
 - Programación I (6 ECTS)
 - Cálculo II (6 ECTS)
 - Análisis de circuitos I (6 ECTS)
 - Análisis de circuitos II (6 ECTS)
 - Electrónica I (6 ECTS)
 - Electrónica II (6 ECTS)
 - Señales y sistemas (6 ECTS)
 - Microprocesadores (6 ECTS)
 - Sistemas Operativos (4,5 ECTS)
 - Acústica Arquitectónica (6 ECTS)
 - Ingeniería de vídeo (4,5 ECTS)
 - Síntesis y animación de imágenes (4,5 ECTS)
 - Sistemas basados en microprocesador (6 ECTS)
 - Matemática discreta (3 ECTS)
 - Proyecto de fin de grado (12 ECTS)

TRAINING SCHOLARSHIPS

CSIC JAE-Intro Severo Ochoa y María de Maeztu
Biocomputing Unit

📅 2021-2022 academic year

📍 CNB-CSIC

INTERESTS

- Computer Graphics
- Parallel Computing with GPGPUs
- Digital Image Processing
- Digital Signal Processing
- Software Development

LANGUAGES

Spanish
(Native)



English
(C1)



Basque
(Native, C1)



PROGRAMMING LANGUAGES

C/C++



Python



MATLAB



GLSL



JavaScript



C#



VHDL



ICT SKILLS

GNU/Linux
(Daily user since 2012)



Git



L^AT_EX



Microsoft Office



Ministerio de Educación y Formación Profesional's Training Scholarship for Students Collaboration in University Departments

Grupo de Aplicaciones Multimedia y Acústica (GAMMA)

 2020-2021 academic year

 CITSEM-UPM

UPM's Training Scholarship for Students Collaboration in Departments

Grupo de Aplicaciones Multimedia y Acústica (GAMMA)

 2019-2020 academic year

 CITSEM-UPM

PROJECTS

Zuazo

 2018 - 2021

<https://github.com/oierlauzi/zuazo>

Cenital

 2020 - 2021

<https://github.com/oierlauzi/cenital>

AWARDS

Best multimedia project

Concurso Universitario de Software Libre (CUSL) XIII

 2018-2019 academic year

<https://concursosoftwarelibre.org/1819/node/38.html>

Honorable Mention

Concurso Universitario de Software Libre (CUSL) XIII

 2020-2021 academic year

<https://concursosoftwarelibre.org/2021/node/38.html>