



PABLO MARTÍNEZ O'REILLY

Electronic Engineering Student

@ pablo.martinez.oreilly@pjmor.com

+44 (0)7810 37 20 83

Bangor, Wales

linkedin.com/in/pjmor

pjmor.com

github.com/PJMOR

ABOUT ME

Third Year Electronic Engineering student and avid electronics hobbyist who enjoys reverse-engineering old electronics to see what makes them tick.

STRENGTHS

- C
- VHDL
- Linux
- Git
- KiCAD
- LaTeX
- Inkscape
- Quartus
- Saleae Logic
- Soldering
- BGA Reballing
- Micro Soldering

LEARNING

- ARM Assembly
- MATLAB
- FreeCAD
- OpenSCAD
- MPLAB
- FontForge
- Radare2
- Web Development
- Mandarin Chinese

LANGUAGES

- English ★★★★★
- Spanish ★★★★★
- French ★★★★★
- Mandarin ★★☆☆☆

CERTIFICATES

Environmental First Aid
Awarded by Outreach Rescue Medic Skills

NATIONALITY

European Union
Spanish Citizen

United States
American Citizen

United Kingdom
EU Settlement Scheme:
Pre-Settled Status

EDUCATION

BEng/MEng (Hons) Electronic Engineering | Bangor University

📅 Sep. 2018 – Jun. 2022

📍 Bangor, Wales

EXPERIENCE

Internship: Acoustic Bee Tracking | Bangor University

📅 Sep. 2020 – Nov. 2020

📍 Bangor, Wales

- > Circuit and PCB design of a microphone array board for a Raspberry Pi

Makerspace Society Committee | Bangor University

📅 Sep. 2019 – Present

📍 Bangor, Wales

- > Secretary, Technician

Peer Guide | Bangor University

📅 Sep. 2019 – Jun. 2020

📍 Bangor, Wales

- > Organize Open Days for prospective students and help advise new students

Language and Cultural Study Abroad | Confucius Institute/Hanban & China University of Political Science and Law

📅 Jul. 2019

📍 Beijing & Tai'an, China

- > Scholarship to study Mandarin Chinese and Chinese culture

Outsourced Project: Label Printing Demo | Lexmark

📅 Apr. 2019 – Jun. 2019

📍 Madrid, Spain

- > Created a showroom demo for Lexmark to automate the printing and display of product labels from their scanned barcode

Chinese New Year Dragon | Confucius Institute at Bangor University

📅 Jan. 2019 – Feb. 2019

📍 Bangor, Wales

- > Trained for Bangor's Chinese New Year dragon performance

Course Representative | Bangor University

📅 Sep. 2018 – Jun. 2019

📍 Bangor, Wales

- > Liaise between students and staff

PROJECTS

DCT-3 Nokia Firmware Bitmap Extraction | | | 📅 Oct. - Nov. 2020

- > C program that extracts all the system graphics from a Nokia firmware (e.g., 3310)

DCT-3 Nokia Firmware Font Extraction | | | 📅 Jul. - Sep. 2020

- > C program that extracts all the fonts used in a DCT-3 Nokia firmware (e.g., 5110)