Pablo Ramos

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EDUCATION

UPNA UNIVERSITY
BS in Telcom Engineering
Jun 2019 | Pamplona, Spain
Thesis: Analysis of the influence of the positioning of the reference electrode on electromyographic signals.

LINKS

Github:// **pablorlrl**
LinkedIn:// **Pablo Ramos Lainez**

LANGUAGES

Fluent: • Spanish C2 • English C1
Basic: • Deutsch Kurs belegen • French

SW

Proficient
Clean/Functional/Mantainable Code • GIT • Docker • Advanced Machine Learning • Cloud Computing • Web Services • IIS • Defending Computer Networks • CI+CD pipelines deployment + usage • Jenkins • Revit + Autocad API • OrCAD • R • Arduino • Scanlab RTC controllers • Signal Analysis •
Developing
Information Retrieval and web scrapping • Operating Systems • Artificial Intelligence + Practicum • Graphics + Practicum • *(Medical Research Asst.) (Programming Teaching.)* • Unix Tools • Electronics •

PROGRAMMING SKILLS

Over 5000 lines:
C# • Java • Python • .NET • Javascript
Php • Matlab
Over 1000 lines:
C • C++ • SQL • PHP • Shell • Html
Familiar:
Maui • Flutter • Xamarin • CSS • Assembly • Rails • LaTeX

MORE CERTIFICATES

Microsoft Azure certified AZ-900
Ethical hacking masterclass from JADA eLearning
Data Science Professional Certificate (IBM)
.NET course from fórmate.es //UPDATE LINK//

ADDITIONAL

Driving license & own car • Ausweis B EU/EFTA • Availability for travel • Harec Certificate & CEPT T / R 61-01 license for the use of radio stations

SUMMARY

7 year experienced engineer with focus on tech, growth, and value. Highly organized with a strong drive for learning. Permanently relocated to Switzerland. Currently: St.Gallen.

EXPERIENCE

SAFRAN VECTRONIX [EXT AKKODIS] | Software Engineer
Jun 2023 – Present | Heerbrugg, CH
- Developed and maintained software solutions for Hans project mainly in C#.
- Collaborated with cross-functional teams to implement new features and enhance existing systems.
- Participated in the full software development lifecycle, from requirements analysis to deployment and support.
- Contributed to code reviews, ensuring code quality and adherence to best practices.
- Investigated and resolved software defects, ensuring optimal performance and user satisfaction.

FSGROUP | R&D Software Engineer
Jun 2021 - Jun 2023 | Pamplona, ES
- IoTGear (Whole crop sensor, analysis and monitoring systems: PostgreSQL backend + api generation + C# development + app generation with Flutter, Xamarin & Maui.) - [mar/22 - jun/23]
- APS (Programming of systems for the manufacture of packaging by laser-welding and sequential inflation of plastic sheets: C#, IIS, Modbus) - [jun/21- jun/23]
- Smart mirror (Development of systems for the generation of a radar installable in light vehicles in order to control dangerous situations on the road: Python, Ionic) - [jun/21 - jul/21]

VANADYS | Backend Sw Engineer
Jan 2021 – May 2021 | Pamplona, ES
- LCI (customer relationship management: laravel/laragon/php/sql/sqlserver)

ORBITAL CRITICAL SYSTEMS | Developer && Tester Engineer
Jul 2019 – Dec 2020 | Pamplona, ES
- Mercury Mission Systems International SA (Project to introduce a more complex masurements to GPS, Galileo, Geo 1 & Geo 2 satellite tracking clusters: Unitary testing of C++ code) - [jul/20 - dec/20]
- Beacon frames (RAIL related project for Connecta-2: Dev & Test in C) - [mar/20 - jul/20]
- Axel counter (Project for coordination of CAF train wagons: Dev & Test in C) - [mar/20]
- Favit (MISSION co-project for Clean Sky 2 about R&D testing compliance roadmaps) - [mar/20]
- Kappa project (Checklist developer) - [jan/20 - feb/20]
- CAF modular systems (Designer & tester in Matlab/Simulink) - [sept/19 - mar/20]
- MST ATPs Workpackage for Eurofighter Simulator (Main Python tester) - [jul/19 - sept/19]

PERSONAL PROJECTS

ARDUINO PCB SHIELD COMM TRANSCEIVER | Electronics
2018 | Pamplona, ES
Worked with **Santiago Led Ramos** to create a **Shield**, an expansion board for Arduino microcontrollers, providing additional functionalities to enhance its capabilities.

PUBLICATIONS

[1] J. R. Falces and P. Ramos. The influence of the reference electrode location on the m–wave characteristics in the quadriceps. *ElSevier*, in press.