CPS Short-Term Program 2022

Fatec
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Ministro Raplh Biasi

ARInter
Assessoria de
Relações Internacionais

CpS
Centro
Paula Souza

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Secretaria de Desenvolvimento Econômico

IoT: from data collection to data presentation

This course is A hands-on introduction to IoT enabler technologies: Proteus/ThingSpeak, MQTT, Node-RED, InfluxDB, Grafana. You will learn tools and methods to prototype an IoT system that consumes, transforms, and presents data generated by different sensors that are widely available online

❝ Me encanto, aprendi muchisimo ❞

**Nicole Naomi Caballero Canchanya
Perú**

Check out the requirements

Every year we welcome students from all over the world. You can become part of our international student community if you are:

- *at lest 18 years old*
- *enrolled in Undergraduation or Graduation degree*
- *proficient in the English language*

PS: Cooperation agreement between your institution and Centro Paula Souza is preferable but not required.

CPS Short-Term Course At-a-Glance

Guided Classes

15 hours:
10 online
5 teamwork
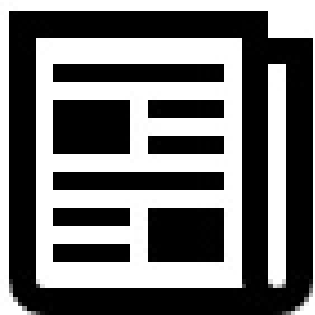
Collaborative Learning
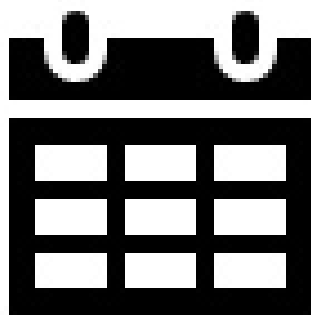
Certificate of Completion

Application

We want to reach as many people as possible. Contact the International Office of your institution and check if you are eligible for the application or send an e-mail to:

informacao.arinter@cps.sp.gov.br

Course Info

Apply by:
July 10, 2022

Start Date:
July 26, 2022

Course Duration:
7 days

Language:
English

Effort:
15 hours

100% online

Professors Bio

Rossano Pablo Pinto, Med
Associate professor and researcher at Americana Faculty of Technology - FATEC AMERICANA. He holds a degree in System Analysis and has a Masters degree in Electrical Engineering with emphasis in distributed systems. He is currently pursuing a PhD degree in Electrical Engineering. He has been working in several research topics
along the years, including, but not limited to machine learning; virtualization; cloud computing; IPv6 networks; network packet schedulers in Linux; context-aware systems; smart-environments, Arduino-like devices, Raspberry pi, and, sure, IoT. As a hobby, he
develops a 32bit operating system kernel for x86, which provides TPC/IP network communication and multiprogramming.

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