

# JORGE **SERRAS ELECTRICAL ENGINEER**



in /in/jorgeserras/



### **PROFILE**

My main concern is to gather the maximum possible experience to enhance myself. I always have active personal projects and hobbies to improve other skills outside my course's scope. Love building and inventing new things. Passionate for the world of Robotics and Engineering, I consider myself a fast and autonomous learner.



# CONTACT

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# **INTERESTS**

- Cryptocurrency
- History & Geography
- VideoGames
- Music

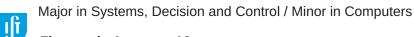


- Portuguese
- English
- Spanish



Final MSc in Electrical and Computer Engineering

Year Instituto Superior Técnico (Alameda)



First cycle Average: 16

#### **Academic Merit/Excellence:**

http://conselhopedagogico.tecnico.ulisboa.pt/bolsas-e-premios/quadro-ediplomas-de-merito



### **EXPERIENCE**

#### Video and Image Editing

Personal Projects - Present

Several parody and course videos developed manly in SONY Vegas for youtube channels and streaming.

### Streaming

Twitch - 2013 / Present

Experience in handling stream related software like OBS. Art and bot managment developed for the Twitch channel www.twitch.tv/coolcarrotguy

#### **Electronic projects**

Circuits - 2014 / Present

Circuitry and Computer assembly including welding in Arduino systems as well as electronic DIY projects. Experience using PSpice and Xilinx.

#### **Web Development**

Website and Webapp - 2015 / Present

Development of internet systems considering APIs. Knowledge in Django, Shiny and Database handling.

#### **Game Developing**

Unity and GameMaker - 2012 / Present

Personal game projects developed in Unity and GameMaker.

TecStorm'18 - http://www.tecstorm.pt

Team BeneFIT - 2018

Developed a prototype of an app in 48 hours to establish communication and training between Personal Trainers and clients.



## **MAIN SKILLS**

C Python Java MatLab Simulink LaTEX Arduino LabVIEW JS R Computer Vision Linux Machine Learning HTML CSS PHP MySQL



### **OTHER ACTIVITIES**

### **Guitar Player**

Associação Cultural e Desportiva da Cotovia - 2008 / 2013

Preformed live in many concerts, mostly on "Cineteatro Municipal João Mota" of Sesimbra. Earned a special decoration for "musician of the year 2013" in Sesimbra.

#### **Tennis Plaver**

Clube Escola Ténis de Sesimbra - 2006 / 2013

Took part in several regional tournaments.