

# Jorge Garcia

Electronic Engineer / Frontend Developer

Prudencia 8180, Los Olivos, Lima, Perú (GMT-5)

(+51) 993797448

[jorge.garcia.a@uni.pe](mailto:jorge.garcia.a@uni.pe)

<https://www.linkedin.com/in/jorge-garcia-fssd/>

<https://github.com/jorgelga2707>

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Electronic Engineer, passion for engineering and software development. Start my career in the commercial and project area of Automation and Power Electronics. I have knowledge in Projects of AC and DC Backup Systems, Renewable energies, Cogeneration. I studied Full Stack Web Development and have knowledge of HTML5 and CSS3, and programming language such as C, C#, C++, Python, Java, JavaScript.

Actually, I'm studying to became a Game Developer and Specializing in Artificial Intelligence. I'm a curious person and I like to solve problems. I always seek to work as a team, cooperating with everyone and supporting them in the best possible way.

I'm looking for opportunities to work in the area of Projects and Software Development, where I can develop my technical knowledge and grow together with the company and my coworkers.

## EXPERIENCE

### **ENERGIA INTEGRAL ANDINA SA Sucursal Peru, Account Leader – February 2024-April 2024**

- In charge of make tenders of the electrical area (Substations, Thermal Power Plants, Photovoltaic Plants)

### **DELTA ELECTRONICS, Electronic Engineer - April 2023-September 2023 - Freelance**

- In charge of projects and services in the telecommunications sector.
- Chief of documentation for regional projects in the telecommunications sector.
- Sizing of UPS, batteries, photovoltaics systems.

### **INPAS SAC PERU**

- **Electronic Engineer – September 2019-April 2023**
  - Sizing of steam distribution systems and condensate return.
  - Part of the energy efficiency team for industrial plants.
  - Part of the automation and industrial control area.
- **Electronic Engineer – November 2018-September 2019 - Freelance**
  - Sizing of steam distribution systems and condensate return, industrial control valves.
  - Part of the service area team.

### **ENERQUIMICA SAC, Sales Engineer – April 2017-May 2018**

- Search for business opportunities in projects for the field of energy backup systems, renewable energies, power electronics.
- Advice to clients in the field: Industry, Energy, Telecommunications, Mining, Oil & Gas, Residential, Commercial.

### **TERMODINAMICA SA, Junior Sales Engineer – October 2016-April 2017**

- Sales engineer for the East area of Lima.
- Visit to clients of the Food and Beverage and Textile Industry.
- Make technical reports of the industrial valves.

### **IMG EQUIPAMIENTOS SAC, Electronic Engineer– February 2016-June 2016**

- Configure the Charger - Rectifier in the Combapata Cusco Substation for the ELSE client.
- Perform battery discharge tests at the Viñani-Tacna Substation, Santamaría-Cusco Substation, Pisac-Cusco Substation, Chahuares-Cusco Substation, Paucartambo-Cusco Substation, Combapata-Cusco Substation.
- Configuration of the ION 7551 electric meter.

- Make technical reports on visits to Substations.

## **EMERSON PROCESS MANAGEMENT, Electronic Engineer Practitioner – May 2015-November 2015**

- Training in the instrumentation of the brands ROUSEMOUNT, FISHER, DANIEL and MICROMOTION.
- Training in the use of the ERP System.
- Configuration of flowmeters, level and temperature sensors.
- Input of quotes and purchase orders using the ERP from Emerson.
- Management and response to technical queries about instrumentation products.
- Visit to clients of Thermal Power Plant, Industrial.

## **PROJECTS**

**Portfolio**, this project was made with technologies such as HTML5, CSS3, Javascript. This website is currently made to be viewed on a computer or laptop.

<https://portfolio-jorgelga2707.vercel.app/>

**ROTD**, this project was made with Construct2 engine. This game can be play only in a web browser.

<https://jorgelga2707.itch.io/rotd>

**ROTD 3D**, this project was made with Unity engine. This game can be play only in a web browser with 3d graphics. <https://jorgelga2707.itch.io/rotd-3d>

## **SKILLS**

**Programming Languages:** JavaScript: Intermediate;

**Frameworks and Tools:** ReactJs: Intermediate;

**Languages:** English, Fluent; Spanish, Native;

**Soft Skills:** Assertive Communication, Emotional Intelligence, Teamwork, Resilience, Adaptation to Change.

## **EDUCATION**

**National University of Engineering** – Lima, Peru (Electronic Engineering, finish in December 2017)

**CAI UNI** – Lima, Peru (Industrial Automation, finish in May 2013)

**Tecsup Codigo** – Lima, Peru (Full Stack Web Development, finish in May 2023)

**ISIL** – Lima, Peru (Game Design and Development, since September 2023)

**Oracle Next Education and Alura Latam**– Lima, Peru (Data Science, since January 2025)

## **Volunteering:**

**Teleton Peru** (September 2018 – September 2019)

**IEEE INTERCON UNI 2011** (August 2011), Collaborator of the robot competition committee

## **COURSES AND CERTIFICATES**

- **Santiago Antunez de Mayolo, CCIESAM UNI** – Industrial Electricity-Level II, Controls by speed variator of asynchronous motors (August 2013)
- **Santiago Antunez de Mayolo, CCIESAM UNI** – Automation for PLC-Level I, Programming and applications with S7-200 Siemens and Logo. (February and March 2012)
- **Santiago Antunez de Mayolo, CCIESAM UNI** – Electronic Basic, Fundaments and applications with electronics circuits analogical. (January and February 2012)
- **Santiago Antunez de Mayolo, CCIESAM UNI** – Programming and applications with PIC microcontrollers. (May and April 2012)
- **IEEE RAS UNI** – Technical Training “RSLogix 5000 and Factory Talk” (October 2012)
- **Q-ENERGY PERU** – Theorical and Practical training with Studer Equipment’s (March 2018)
- **AMB Capacitacion Corporativa** – Techniques of sales closing and objection handling. (August 2017)
- **UNIVERSIDAD DE PIURA** – Full day executive (July 2016)
- **Empoderate Team** – Intensive sales workshop “Your Words Sell” (July 2016)
- **Creadores de Exito Latinoamerica** – Program “10 steps to raise your financial IQ” (October 2015)