

Olatoundji Georges GNONHOUE  
Conception Engineer in Electrical Engineering.  
Tél : +5535991309813  
E-mail :georgesgnonhoue1@gmail.com

## **Objective**

Improve and deepen the theoretical and practical knowledge gained in the fields of electrical energy and renewable energies.

## **Cursus**

### **2018:**

- B2 level English courses at the Federal University of Itajubà (UNIFEI), Brazil.

### **2017:**

- Training on the different uses, treatments and technologies for converting biogas energy from landfills
- Level B1 of the TOEFL diploma
- Diploma in production of electrical energy from a hybrid system of wind energy - photovoltaic. System sizing out and under power grid.

### **2016:**

- Master in electrical engineering at the Federal University of Itajuba (UNIFEI )
- Portuguese courses in UNIFEI (uncertificated)
- Instructor in mathematics, physics and biology in Itajuba (Minas Gerais). courses for particular student at home (eight hours per week)
- French language teacher in speaking idiomas.

### **2015 :**

- Second promotion of Young Volunteers of professional expertise of BENIN deployed to the town of Porto-Novo.
- Professor in industrial technical school in Porto-Novo.( eight hours per week)
- President of the Executive Office of the Organizing Committee of the 6th edition of the days of the professional world and the official ceremony of graduation of the Polytechnic of BEBIN .

**2014:**

- conception Engineering degree in Electrical Engineering at the Polytechnic School of BENIN
- 2nd Vice President of the union office entity of the Polytechnic School of BENIN.

**2010:**

- First year English study in the Faculty of Letters, Arts and Human Sciences (FLASH) of BENIN (uncertificated)

**2009:**

- Bachelor of science series D in Béhanzin High School of the city Porto-Novo (BENIN).
- 2nd delegate of students Béhanzin high school of the city Porto-Novo.

**2008:**

- first of the promotion of 1st D of the school year 2007-2008 of the high school Behanzin of Porto-Novo (former high school Victor Ballot of Benin).

**2006:**

- Patent studies undergraduate to high school of the city Porto-Novo (BENIN).

**2002:**

- Undergraduate study certificate to the urban center school of the city Porto-Novo (BENIN).

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**languages:**

- English: good (written and oral)
- French: excellent (written and oral)
- Portuguese: excellent (written and oral).

**Computer skills:**

Professional use of Microsoft Windows XP, Microsoft Office (Word, Excel, PowerPoint, Publisher), Autocard, Multisim, Matlab, Simulink, Schemaplic, Powerworld, PL7pro.

## **PROFESSIONAL EXPERIENCES**

### **From May 12 to 16, 2018:**

Participation in the VII Brazil Symposium on Electrical Systems (Brazil)

### **MISSIONS:**

Presentation of my article entitled 'A didactic workbench in a thyristorised AC / DC 12 pulse conversion system ".

### **From 07 to 08 June 2017:**

Participation in XII Seminars on the environment and renewable energies (Brazil)

### **MISSIONS:**

Presentation of my article entitled " the contribution for the reduction of deficits through the local production of electrical energy from sludge drain ".

### **From July 4th 2016 to the present day:**

Scientific research in the laboratory institutes electrical systems and energy of the Federal University of Itajubà (UNIFEI), Brazil.

### **MISSIONS:**

- Work on HVDC (High Voltage Direct Current) converter systems of synchronous and asynchronous pulse.
- Research the transmission of electricity by electricity keep on going.
- Model three-phase transformers for rectifier and inverter units to from short-circuit and vacuum tests.
- Manually and automatically check the system current 12-pulse HVDC converter.
- Comparison between experimental results and system simulation 12-pulse HVDC converter.
- Participation in the research project entitled " Analysis and simulation of a 48 pulses multi-converter system for industrial applications "
- Participation in the research project titled: " avaliação energética e econômica de uma usina de geração à partir da energia solar fotovoltaica - biogas em itajubá (MG- Brazil) ".

- Participation on the research project entitled: " proposta de operação Isolada e interligada de uma microcentral, com previsão de uma possível futura disponibilização de energia excedente para a rede ".

**From 03 October 2015 to 03 February 2016:**

Volunteer of professional expertise of BENIN deployed to the city hall of Porto-Novo, Benin.

**MISSIONS:**

- maintenance of power outages on the electrification network from the city Porto-Novo;
- Installation of lampposts.

**From 05 October 2015 to 29 January 2016:**

Honorary teacher at the Industrial Technical High School of Porto-Novo, Benin.

**MISSION:**

Teach applied mathematics and electromechanical subjects.

**From May 12, 2014 to October 12, 2014:**

Trainee: From May 12 to October 12, 2014 at the Center for Waste Recovery in Renewable Energy and Agriculture (ValDERA) at the University of Abomey-Calavi, Benin.

**MISSIONS**

- Repair of power outages on the production equipment of electrical energy from sludge;
- Installations of equipment for the production of electrical energy from sludge;
- Maintenance of biogas production equipment from biomass liquid;
- Maintenance of electrical power generation equipment from sludge;
- the production of biogas from biomass.

**July 13, 2010 to April 13, 2014:**

Head of Electrical Services at International Business Innovator Group SARL (IBIG), Benin.

**MISSIONS:**

- Repair of power outages in homes, hospitals, companies ..;

- Electrical installation in buildings;
- Installation of solar home systems;
- Maintenance of solar home systems.

## **CENTERS OF INTEREST**

### **Hobbies:**

News related to world development, politics, reading, culture general, sport, travel.

## **OTHER ABILITIES**

- Communication skills acquired By my responsibilities as a student delegate;
- Ability to adapt to new situations;
- Capable of directing or supervising any group of job.

## **REFERENCES:**

- Prof. Dr. Angelo José Junqueira Rezek , Head of UNIFEI Institute of Electrical Systems and Energy , tel :+553536291377, cel :+553599270422 email: [rezek@unifei.edu.br](mailto:rezek@unifei.edu.br)

- Prof. Dr. Tales Cleber Pimenta, Tel :(+55)3536291655, email: [tales@unifei.edu.br](mailto:tales@unifei.edu.br)

- Jean-Marie C. D. ZONOU ; IBIG, Directeur Général, Tél (+229)97372629

**I certify exact the information mentioned above**

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