

Hector Alejandro Budiel Echevarria

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1. EDUCATION

2014 – Present (unfinished)

Master of Engineering in Electrical Engineering

Graduate Excellence Fellowship

McGill University, Canada

2008 - 2012

Bachelor of Science in Electronic Engineering

Professional School of Electronic Engineering, San Martin de Porres University, Peru

2. PRESENTATION AND RESEARCH

2017

Proposed Master Thesis: Generalized Frequency Division Multiplexing Systems, Characteristics and Performance Evaluation

2012

End of Career Project: LTE network design for the city of Chiclayo

2012

First Place in Project Contest in Systems Engineering of XVII Vision International Congress – San Martin de Porres University, Lima.

Project: Implementation of a Broadcast Automatic System for the Future Bus Terminal of Chiclayo.

2011

Second Place in Project Contest in Electronic Engineering of III International Congress of Technology (COINTEC) – Antenor Orrego Private University, Trujillo.

Project: Quality Control System for Pigeon Pea Selection based on Digital Image Processing.

2010

First Place in Project Contest in Electronic Engineering of XV Vision International Congress – San Martin de Porres University, Lima.

Project: Control System for a Medical Waste Pyrolytic Incinerator

3. WORK EXPERIENCE

April – July 2013

Network Support Assistant at the Systems Office of San Martin de Porres University.

Activities and experiences:

- End User Support
- Network Support
- Network Points Installation
- Switches and Routers Configuration
- Remote Support
- Database Administration

October – December 2012

Intern at the Systems Office of San Martin de Porres University.

Activities and experiences:

- End User Support
- Network Support
- Network Points Installation
- Switches and Routers Configuration
- Remote Support

January – April 2012

Intern at Regional Transportation and Communication Management Office (Government Agency).

Activities and experiences:

- Telecommunication Services Inspections
- Information Processing
- Telecommunication Equipment Usage and Maintenance

4. ADDITIONAL STUDIES

EXTENSION COURSE

2013

Supervision Organism of Private Investment in Telecommunications (OSIPTEL), Lima, Peru

XVII Course on Regulation with Specialization on Telecommunications

3rd Place in Engineering Specialty

ELECTRICAL ENGINEERING, COMPUTER SCIENCE AND NETWORKS

- Cisco Certified Network Associate (CCNA). Verification code: 412956679189DRBN
- Certification in LTE Networks – Cognitel Training Services
- Online Course “Big Data, Cloud Computing, & CDN Emerging Technologies” – Yonsei University (through Coursera)
- Online Course “Wireless Communication Emerging Technologies” – Yonsei University (through Coursera)
- Online Course “Machine Learning” – Stanford University (through Coursera)

- Online Course “Circuits and Electronics” – Massachusetts Institute of Technology (through eDX)

OTHER

- Online Course “Nanotechnology: The Basics” – Rice University (through Coursera)

5. LANGUAGES

Spanish

- Native Language, Mother tongue.
- Complete fluency.

English

- Studies to the Advanced Level – ICPNA, Chiclayo, Peru
- ECCE (Examination for the Certificate of Competency in English) Certificate.
- TOEFL iBT (October 2013): 110/120

French

- Studies to the Superior Level – Alliance Française, Chiclayo, Peru
- DELF (Diplôme d’études en Langue Française) B1 Certificate

6. TECHNICAL SKILLS

Applications: Autocad (Intermediate), Photoshop (Intermediate).

Microcontrollers: Arduino, Texas Instruments, Microchip.

Network Design: Atoll, GlobalMapper.

Programming: Java (Intermediate), C/C++ (Intermediate), Python (Intermediate), Matlab/Octave (Intermediate), PL/SQL (Intermediate)

7. REFERENCES

Ing. Granwell Perez Zavala (Previous Boss)
Chief of IT Department, San Martin de Porres University, Peru
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Bach. Sindy Calle Gamonal (Former Coworker)
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