

René Zurita Corro | Applied Mathematician

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Ced. Prof.: 5986352 – R.F.C.: ZUCR8510151J4

Academic

Mathematics Research Center (CIMAT)

Master's degree, Applied Mathematics

Grade expected.

Guanajuato, Gto.

2009 – 2011

Technological University of the Mixteca (UTM)

Bachelor's degree, Applied Mathematics

Huajuapán de León, Oax.

2003 – 2008

Experience

Professional.....

Veureka FVP

Data Engineer

Data analysis and sysadmin, *Firebase, pandas*.

Huajuapán de León, Oax.

Ene 2019 – Presente

Veureka FVP

Software developer

Proof of concept: Payments and transactions using fiat and crypto currencies (Stellar).

Huajuapán de León, Oax.

Ene 2018 – Dic 2018

Veureka FVP

Software developer

Proof of concept: Setup public and private blockchain networks, *Ripple* and *Stellar*.

Huajuapán de León, Oax.

Ene 2017 – Dic 2017

Veureka FVP

Software developer

Software project development with optimization components in *Java*.

Huajuapán de León, Oax.

Feb 2014 – Dic 2016

Colegio de Bachilleres del Estado de Oaxaca

External Consultant

Specialized Mathematics courses for the COBAO's representative for the XXIII Encuentro Académico, Cultural y Deportivo de la Zona Sur-Sureste contest, first place obtained.

Oaxaca de Juárez, Oaxaca

2014

Colegio de Bachilleres del Estado de Oaxaca

External Consultant

Specialized Mathematics courses for the COBAO's representative for the XXII Encuentro Académico, Cultural y Deportivo de la Zona Sur-Sureste contest, first place obtained.

Oaxaca de Juárez, Oaxaca

2013

Colegio de Bachilleres del Estado de Oaxaca **Oaxaca de Juárez, Oaxaca**
External Consultant 2012

Specialized Mathematics courses for the COBAO's representative for the XXI *Encuentro Académico, Cultural y Deportivo de la Zona Sur-Sureste* contest, first place obtained.

Instituto Mixteco de Educación Superior **Tezoatlán de Segura y Luna, Oaxaca**
Professor 2008 – 2009

Courses I taught :

- Informatics I (64 teaching hours).
- Informatics II (64 teaching hours).
- Elementary Mathematics (80 teaching hours).
- Mathematics I (80 teaching hours).
- Financial Mathematics (80 teaching hours).
- Mathematics II (80 teaching hours).

Instituto Mixteco de Educación Superior **Tezoatlán de Segura y Luna, Oaxaca**
Academic Coordinator 2008 – 2009

Responsibilities:

- Global grades statistics.
- School's academic schedule.

Other courses and distinctions.....

Second National forum on mathematics thesis, undergraduate level. 2009
 Speaker attendance in the event, June 17 to 19.

On optical surface generation using classic polish tools
Second International School on Mathematical Modeling and Applications 2009
 Speaker attendance to the poster session, January 12 to 16.

Bachelor's degree 2008
 Unanimous approval.

Huajuapán de León
Technological University of the Mixteca 2008
 Technical support to the Applied Mathematics Lab, 60 hours.

Huajuapán de León
Technological University of the Mixteca 2007
 Professor of *Mathematical Problems* course, 420 total hours:

- Short Foundations Course, August-September.
- Long Foundations Course, March-July.

Huajuapán de León
Technological University of the Mixteca 2006
 L^AT_EX course, 2 hours a day for 2 weeks.

Huajuapán de León
Technological University of the Mixteca 2005

Programming course for ACM-ICPC contest, 8 hours a day for 2 months.

Languages

Spanish: High level

Mother language.

English: High level

From UTM and CIMAT.

Computer Skills

Operating Systems: Windows, Linux (Ubuntu, Debian, etc.)

Productivity software: MS Office, OpenOffice, LibreOffice

Internet: Explorer, Firefox, Google Chrome, Google Chromium

Programming Languages: Java, C++, Prolog, Python, CLIPS, LISP

Mathematical packages: Octave, MatLab, R, Maxima, Mathematica

Typographical software: L^AT_EX, emacs, TeXMaker, TeXmacs