

René Zurita Corro | Applied Mathematician

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Academic

Mathematics Research Center (CIMAT)

Guanajuato, Gto.

Master's degree, Applied Mathematics

2009 – 2011

Grade expected.

Technological University of the Mixteca (UTM)

Huajuapán de León, Oax.

Bachelor's degree, Applied Mathematics

2003 – 2008

Experience

Professional.....

Veureka FVP

Huajuapán de León, Oax.

Data Engineer

Ene 2019 – Presente

Data analysis and sysadmin, *Firebase, pandas*.

Veureka FVP

Huajuapán de León, Oax.

Software developer

Ene 2018 – Dic 2018

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

Veureka FVP

Huajuapán de León, Oax.

Software developer

Ene 2017 – Dic 2017

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

Veureka FVP

Huajuapán de León, Oax.

Software developer

Feb 2014 – Dic 2016

Software project development with optimization components in *Java*.

Colegio de Bachilleres del Estado de Oaxaca

Oaxaca de Juárez, Oaxaca

External Consultant

2014

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.

Colegio de Bachilleres del Estado de Oaxaca

Oaxaca de Juárez, Oaxaca

External Consultant

2013

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.

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

\LaTeX 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