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René Zurita Corro
Applied Mathematician

Academic

2009 – 2011 **Master's degree**, *Mathematics Research Center (CIMAT)*, Guanajuato, Gto., *Applied Mathematics.*
Grade expected.

2003 – 2008 **Bachelor's degree**, *Technological University of the Mixteca (UTM)*, Huajuapan de León, Oax., *Applied Mathematics.*

Experience

Professional

2014 – present **Software developer**, *Veureka FVP*, Huajuapan de León, Oax..
Software project development with optimization components in *Java.*

2014 **External Consultant**, *Colegio de Bachilleres del Estado de Oaxaca*, Oaxaca de Juárez, Oaxaca.
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.

2013 **External Consultant**, *Colegio de Bachilleres del Estado de Oaxaca*, Oaxaca de Juárez, Oaxaca.
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.

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

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

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

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

Other courses and distinctions

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

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

2008 **Bachelor's degree**.
Unanimous approval.

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

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

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

2006 **Technological University of the Mixteca**, *Huajuapan de León*.
LATEXcourse, 2 hours a day for 2 weeks.

2005 **Technological University of the Mixteca**, *Huajuapan de León*.
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.)	Programming Languages	Java, C++, Prolog, Python, CLIPS, LISP
Productivity software	MS Office, OpenOffice, LibreOffice	Mathematical packages	Octave, MatLab, R, Maxima, Mathematica
Internet	Explorer, Firefox, Google Chrome, Google Chromium	Typographical software	LaTeX, emacs, TeXMaker, TeXmacs