

ALBERTO CAMINO RIOS

Civil Engineer - EIT (Texas)

CONTACT

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EDUCATION

Tecnológico de Monterrey

Monterrey, MEX

B. Eng. Civil Engineering

GPA: 9.5/10

2014 – 2019

Aalto-Yliopisto

Helsinki, FIN

Exchange Program

2018

SKILLS

Languages:

Spanish (Native), English (IELTS 8.0), French (DELTA A2)

Modeling:

AutoCAD, Revit, Civil 3D, Sketchup, Rhinoceros

Water engineering:

HEC-RAS, HEC-HMS, QGIS

Rock mechanics:

DIPS, PHASE2

Coding:

C++, VBA, R

AWARDS

Summa Cum Laude Class May 2019
ITESM - 2019

Borrego Award for Student Representation
ITESM – 2019

Outstanding alumni of the Engineering and Science School
ITESM - 2017, 2018

Track & Field National Champions
CONADEIP - 2016, 2018

4x400 National Champion
CONADEIP - 2013, 2014

WORK EXPERIENCE

NOV 2019 CEMENTING FIELD ENGINEER

NOV 2020 Schlumberger - **Dammam, KSA**

Supervised and performed primary and remedial cementing jobs in oil and gas wells. I was recognized as top of my training courses, recommended by an Aramco foreman in my first job pumping. Improved on the safety training of the Equipment Operators and updated the job delivery formats.

MAY 2017 RESEARCH ASSISTANT

SEP 2018 Centro del Agua para America Latina y el Caribe - **Monterrey, MEX**
Analyzed Mexico CONAGUA's compendium of elevation-area-storage curves of Mexico's reservoirs under an approximate solution of the flood routing equation to normalize the data and correlate the degree of safety of the infrastructure.

MAY 2018 CONSULTANT

JUN 2018 AIC - **Monterrey, MEX**

Designed the water supply and sanitation systems for a multipurpose building and a food truck park. Supervised and ensured the compliance with government regulations and the overall construction.

JAN 2017 LABORATORY INSTRUCTOR

MAY 2018 ITESM - **Monterrey MEX**

In the construction materials course, I taught methodologies and tools for the evaluation of materials as per ASTM standards. Additionally, in the hydraulics laboratory, I instructed on hydrologic and hydraulic phenomena.

SPECIAL PROJECTS

MAY 2018 PROJECT MANAGER

APR 2019 ASCE Texas – Mexico Conference 2019 - **Isla del padre, USA**

Led the concrete canoe team to a 1st place in oral presentation, 3rd in technical paper and 3rd overall by developing a formal and systematic approach to the competition, while increasing the student participation.

MAY 2017 HULL DESIGN MANAGER

APR 2018 ASCE Texas – Mexico Conference 2018, **College Station, USA**

Modeled and supervised the 3D printing the canoe mold. Additionally, assured the quality and safety of the fabrication procedure of the canoe. During the competition, I was able to secure the 1st place in oral presentation.

JUN 2017 TEAM LEADER

JUL 2017 Seguridad Hídrica en la Comunidad Wikóráchi - **Urique, MEX**

Performed field work in the form of a population census and geodetic survey of the marginalized community of Wikóráchi in the Tarahumara region, to effectively design a water distribution system.