

A

ANGELA K.  
DURÁN ZÚÑIGA

CIVIL ENGINEER

PERSONAL INFORMATION



I am a chilean civil engineer with work experience in Chile and Mexico. I am passionate about fieldwork and geotechnics. I consider myself a curious person, so I believe that working in different countries, surrounded by people from different cultures, would provide me with skills to face problems under different social perspectives, as well as allow me to deepen my knowledge by working in diverse geological and climatic conditions.

ACADEMIC DEVELOPMENT

- 2018-2020

■

MASTER IN GEOTECHNICS

NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO (UNAM)  
FOCUSED ON ANISOTROPIC ROCKS BEHAVIOR AND NUMERICAL ANALYSIS IN UNDERGROUND CONSTRUCTIONS.
- 2010-2015

■

BACHELOR IN ENGINEERING

NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO (UNAM)  
THESIS:CONCEPTUAL DESIGN OF A REST AREAS IN THE MEXICO-CUERNAVACA HIGHWAY.

EXPERIENCE

- 2020 - 2021

MAYAKOBA CITY COMPLEX

PLAYA DEL CARMEN, MEXICO  
PROJECT MANAGER ENGINEER

Supervision and administration of the construction of a high-quality single-family house.
- 2016- 2017

EJA S.A. DE C.V.

MEXICO CITY, MEXICO  
CONCRETE QUALITY ENGINEER

Concrete quality control, progress, and monitoring of fieldwork at Mexico City Teen Court.
- 2017-2018

CAMINO NUEVO

RANCAGUA, CHILE  
CIVIL ENGINEER

Generation of public biddings on public and private road projects in Rancagua, Chile.
- 2015

ENGINEERING INSTITUTE, UNAM

MEXICO CITY, MEXICO  
TRANSPORTATION ENGINEER

Delay, speed and saturation flow studies. Inventory of continuous and directional capacity at intersections, using SYNCHRO for traffic analysis
- 2014

MINISTRY OF COMMUNICATIONS AND TRANSPORTATION

MEXICO CITY, MEXICO  
TRANSPORTATION ENGINEER

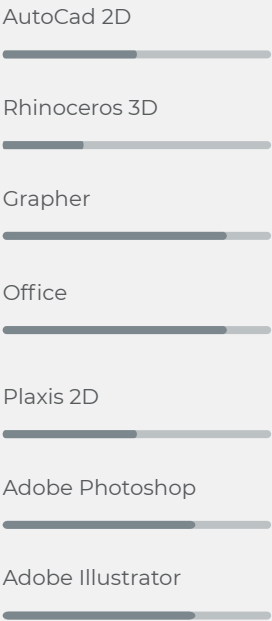
Review of conflict points on highways based on Secretary of Communications and Transportation of Mexico (SCT) regulations at traffic engineering area and project evaluation. Review of signaling projects and geometric projects in toll booths based on SCT regulations. Review of signaling projects (horizontally, vertically, and barriers) on federal and toll roads in the country based on SCT regulations. Cost-benefit analysis in highway projects.
- 2013-2014

DTP CONSULTORES S.A. DE C.V.

MEXICO CITY, MEXICO  
ASSISTANT CONSTRUCTION MANAGER

Construction management as a junior Civil Engineer. Generation of unit prices, works programs and estimations.

SOFTWARES



CONTACT ME

E-MAIL  
du.zu.angela@gmail.com

EXTRACURRICULAR ACTIVITIES

2013

SECRETARY OF TRANSPORTATION OF MEXICO  
MEXICO CITY, MEXICO

Course of Protection barriers based on the regulations of the Ministry of Communications and Transportation

2014

INTITUTE OF ENGINEERING AT UNAM  
MEXICO CITY, MEXICO

Course of Road safety in road transport planning, Institute of Engineering

2018

MEXICAN ASSOCIATION OF TUNNEL ENGINEERING AND  
SUBWAY WORKS, A.C.AMITOS  
MEXICO CITY, MEXICO

Symposium of Underground works of the Federal District subway 12 line at Mexican Association of Tunnel and Underground Construction Engineering

2018

MEXICAN ASSOCIATION OF TUNNEL ENGINEERING AND  
SUBWAY WORKS, A.C.AMITOS  
MEXICO CITY, MEXICO

International Symposium on Tunnels and Openings in Soil and Rock at Mexican Association of Tunnel and Underground Construction Engineering

2019

MEXICAN ASSOCIATION OF TUNNEL ENGINEERING AND  
SUBWAY WORKS, A.C.AMITOS  
MEXICO CITY, MEXICO

Conference on Underground DSI Systems for Tunnel Support at Mexican Association of Tunnel and Underground Construction Engineering

2019

MEXICAN ASSOCIATION OF TUNNEL ENGINEERING AND  
SUBWAY WORKS, A.C.AMITOS  
MEXICO CITY, MEXICO

Seminar of Sustainable underground use at Mexican Association of Tunnel and Underground Construction Engineering (2019)