








Fernando José De La Cruz Chávez

Dedicated and hardworking Aeronautical and Astronautical engineer, with knowledge on aerodynamics and experience working with wind tunnels and PIV systems. Always ready to face new challenges with a positive attitude and open mind, implementing exceptional communication skills and learning abilities.

EDUCATION

-  Mexican
-  1995-06-29
-  fjdelacruz@herpetario.com
fejocru@gmail.com
-  0905014451
-  Tainan, Taiwan

LANGUAGES

Spanish



English



Chinese



TECHNICAL SKILLS

CAD (Catia)

MATLAB

Website development

Video editing

PIV system

SKILLS

Problem-solving

Communication

Adaptability

Organizational

Self-motivation

Time management

High School

Monterrey Institute of Technology and Higher Education (ITESM) (Mexico)

(08/2010 – 05/2013)

- UN model - Concluded satisfactorily a simulation of the system of the United Nations.

Bachelor of Communication Science (1 year)

Universidad de Colima (Mexico)

(08/2014 – 07/2015)

- Studied communication science for one year, focused on media.

Bachelor of Aeronautical and Astronautical Engineering

National Cheng Kung University (Taiwan)

(09/2015 – 06/2019)

- Concluded my undergraduate thesis on fluid dynamics and aerodynamics using a water tunnel. "The Aerodynamics and Water Tunnel Testing of a Wingsuit".

Master of Aeronautical and Astronautical Engineering

National Cheng Kung University (Taiwan)

(03/2020 – 04/2022)

- Research topic: Wake Flow Characteristics of a Circular Cylinder Undergoing Vortex-Induced Vibration.

WORK EXPERIENCE

Technician

SEYRA

(05/2014 – 07/2015)

Private security company in Mexico

Tasks

- Installation and testing of CCTV systems and alarms

English Teacher (Part time)

AMC Language School

(01/2017 – 06/2017)

Local cram school for kids coursing elementary to middle school

Tasks

- Teach English to kids ranging from 4 to 16 years old.

REFERENCES

Szu-I Yeh (葉思沂) - Bachelor's thesis advisor

- Professor at NCKU
- siyeh@mail.ncku.edu.tw | 886-6-2757575 ext. 63687

Keh-Chin Chang (張克勤) - Master's thesis advisor

- Professor at NCKU
- kehchingchang@gmail.com | 886-6-2757575 ext. 63679

Chin-Chen Chou (周晉成) - Master's thesis advisor

- Project assistant research fellow at Aerospace Science and Technology Research Center
- vicrobert0509@gmail.com | 886-6-2392811 ext. 256

COURSES

Handling, veterinary and toxicology of venomous reptiles' workshop course

(09/2013)

- Learnt to handle venomous snakes and lizards and how to deal with a poisonous bite.

State Forum on Private Security (FESP 2013)

(10/2013)

- Learnt about security systems and services.

Energy Sustainability, National Cheng Kung University

(07/2016 – 08/2016)

- Awarded with the best final presentation.

Special Topic (Aerodynamics), National Cheng Kung University

(01/2018 – 01/2019)

- Learnt and gained experience on how to work with a low-speed wind tunnel and a water tunnel.

ACHIEVEMENTS

Herpetario

(07/2012 – 08/2015)

- Created my own business as a hobby, a reptile store. Website: www.herpetario.com

Ice and Snow Sculpture

(01/2018)

- Participated on the Harbin International Ice and Snow Sculpture Competition 2018. Obtained "Honor Award".

My online portfolio

(04/2022 – present)

- Created my own online portfolio: fjdelacruz.com