



EDUARDO PRADO

M.Sc Biomedical Computing


PROFILE


Professional committed to the engineering and software technologies field, with and in-depth knowledge of Machine Learning and Software engineering. Experienced implementing healthcare/Software solutions and mobile applications.


NATIONALITY

Nationality: Mexico

LANGUAGES

English 
IELTS: Band 7.5

German 
A.2 (On course)

Spanish 
Native

SOFTWARE SKILLS

DICOM, HL7, MacOS, Windows, Linux, Microsoft Office, Arduino, Objective-C, LateX, Agile/Scrum, Inkscape, GIMP, PyCharm, Blender, HTML5/CSS, Bootstrap.

CONTACT

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Reference Contact

Dr. Guillaume Zahnd

gzahnd@gmail.com

Mr. Javier Coronel

jd.coronel@outlook.com

INTERESTS

Coding, Music & Sound production, swimming, Synthetizers, Virtual Reality, Videogames

EDUCATION

Degree :M.Sc in Biomedical Computing (2019)
Institute :Technische Universität München

Master thesis project

Deep Learning Based High Dynamic Range Ultrasound

Published Paper: <https://ieeexplore.ieee.org/document/8925685>

Degree :BS in Biomedical Engineering (2013)
Institute :Instituto Tecnologico y de Estudios Superiores de Monterrey (Guadalajara Campus)

WORK

Definiens (May 2020 - September 2020)

(Software Engineer / Machine Learning)

Python Software development oriented to internal Machine learning framework and tools. Continuous research of Machine learning related tools.

QuickBird Studios (Working Student 2019)

(iOS Developer)

Front-end development for Diabetes patients diary Log. The application connects to Accu-check devices to record glucose and insulin values.

MOTIUS GMBH (Working Student 2018)

(iOS Developer)

Application maintenance and bug recognition for "TrustYou Radar". App for sentiment analysis in hotel administration.

Amplemind Technology Agency (2016- 2017)

(iOS Developer)

Multiple published mobile applications implementations like:

- **Grupo Expansion: (CNN)** News Feed app (Swift/ Realm)
- **PITZ:** Soccer league administration app. (Swift/Firebase)

Center for Medical Image & Diagnosis "CID" (2014- 2016)

(Chief Biomedical Engineer)

Oversee operations of the Clinical Engineering Department such as:

- Clinical Imaging Equipment administration
- PACS SERVER administrator, DICOM, HL7
- Healthcare equipment and facilities service engineer.

PROFESSIONAL

• **Swift** 

• **Python** 

• **Tensorflow** 

• **Pytorch** 

• **Matlab** 

• **C++** 

• **Django** 

• **fastAI/keras** 

• **Agile Tools: Git,Jira, Confluence, etc.** 

COURSES

Google Technical Writing Course



SoloLearn: SWIFT Fundamentals



iPraktikum: Zeiss AR Measurement Data visualization

