

MARIA ISABEL MARTI

Bioquímico

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Boulder, CO



RESUMEN

Biomedical engineer with 8+ years of research and design experience in regenerative medicine, including the areas of connective tissue repair and liver regeneration. Proficient in data analysis using MATLAB and other computer programs. I'm an excellent collaborator and communicator, eager to join the Taylor Labs Inc. team and make a positive impact.

EXPERIENCIA

Biomedical Engineer

Wyman Ltd

2018 - Ongoing | Boulder, CO

- Worked with a team of 35+ engineers to construct devices for computer-aided surgery
- Boosted team efficiency by 10% by improving techniques for instrument testing
- Proficient in Maestro for modelling and visualization
- Adhered to Safe Medical Device Act (SMDA) & Good Manufacturing Practice (GMP)

Biomedical Engineer

Crist

2013 - 2018 | Boulder, CO

Crist is a nonprofit organization dedicated to advancing military medicine.

- Assists in the design, implementation, testing and prototyping of novel endovascular devices.
- Work with various departments (3-D printing, Department of Engineering) in order to design and fabricate novel endovascular devices.

EDUCACIÓN

Masters in Biomedical Engineering

Universidade de Caxias do Sul

2012 - 2013

BSc. Biomedical engineering

University of Kent

2008 - 2012

HABILIDADES

Medical Skills

Electrosurgery devices

Anesthesia machines

SMDA

Telemetry systems

GMP

Bio-medical signal processors

Biomaterials

Biomechanics

Telehealth

Biosignal processing

Engineering

MATLAB

Tissue engineering

Neural networks

Computational modelling

PASIONES



Regenerative Medicine



Sudoku (competitively)



Volunteering in the local animal shelter

PUNTOS FUERTES



Adaptable Team-player

I am able to adapt the culture, pace and processes of any team - large or small.



Always learning

I have made it a habit to read at least one new paper each week.