JOSÉ M. DOMÍNGUEZ

ARCHITECT/SOFTWARE DEVELOPER

PROFILE

I'm a Spain-based (open to relocation on a global level) architect and software developer with 10 years of experience in digital fabrication, parametric modeling and complex geometry.
My main focus these days is combine my knowledge on parametric modeling and digital fabrication with the creation of innovative digital solutions through web development.

DETAILS

Nationality: Spanish
Date of birth: 16/12/1989
Language: Spanish/English/Portuguese

LINKS

Personal Website
https://jmdevc.netlify.app/

Github
https://github.com/jmdc89

HOW TO REACH ME

Address: Seville(Spain)
Cell: +34 647656094
Email: jmdevc@gmail.com

WORK EXPERIENCE

Computational designer & digital engineering
Sagrada Familia Temple(Barcelona) | 2019 - 2020

Digital Fabrication Consulting/ Grasshopper and Rhinoceros trainer
2018 - 2019

Researcher(Aeronautical and bioprosthetic field)
Sao Paulo State University | 2014 - 2018

EDUCATION

FreeCodeCamp (2020/2021)
- Responsive Web Design Certification
- JavaScript Algorithms and Data Structures Certification
- FrontEnd Development Libraries Certification

Bachelor in Architecture (2007/2014)
- Seville (Spain)

International Exchange Program(2013)
- Sao Paulo State University

PUBLICATIONS

Conferences papers
- Parametric design applied in the development of structures(Case study: bamboo spiral structure - Florianópolis(Brazil)
- Additive Manufacturing: Development of a prosthesis of a toucan´s bill - California(United States)

3D modeling
- Rhinoceros 3D
- Grasshopper 3D
- Autodesk Fusion 360

Design
- Adobe Illustrator/Photoshop

3D Printing
- Autodesk Meshmixer
- Simplify3d/Cura/Repetier
- Materialise Magics

CNC/Lasercut
- Esprit
- Aspire
- Autodesk Fusion CAM

Web Development
- HTML/CSS
- JavaScript
- ReactJS
- GatsbyJS
- Three.js
- Visual Studio/Github

DIGITAL MANIFACTURING TECHNOLOGIES TRAINING

Center for Advanced Product Development(2014-2018)
- Gom Atos 3D scanner system
- Zprinter 650 Plus 3dprinter
- Router CNC 3D Transform 2000/2
- 3D Zbuilder Ultra 3dprinter
- CNC Roland DX 540
- Lasercut Ecnc L1060
- Creality 3D Ender

COMPLEMENTARY EDUCATION(COURSES)

Udemy/SkillShare/Coursera/Youtube(2011 - 2021)
- Advanced Web Development
- Modern JavaScript
- Styled Components
- BootStrap
- React - The complete guide
- GatsbyJS
- ThreeJS
- Materialise Magics
- Python
- Autodesk Meshmixer
- Parametric design for CNC
- Autodesk Revit
- Parametric enviromental adaptive design (Ecotect, grasshopper + geko)
- Augmented Reality(Unity + Vuforia)
- Esprit CAM
- Autodesk Fusion 360
- Grasshopper and Firefly (Interactive systems using Arduino)

TEACHING EXPERIENCE

Trainings - Lynk3D(Brazil) - 2018/2019
- Autodesk Fusion 360
- Rhinoceros/Grasshopper3D

Workshops - SESC(Brazil) - 2017/2019
- Advanced jewelry design
- 3d printing
- Lasercut
- Digital fabrication
- Introduction to CAD milling(Fusion 360)

Workshops - UNESP(Brazil) - 2013/2016
- Grasshopper + Firefly
- Parametric design

Workshop - University of Architecture Benito Juárez(Oaxaca, México) - 2014
Parametric design in Architecture