

JAVIER PATRON MARTINEZ-FEDUCHY

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EDUCATION

Master of Environmental Data Science (Expected June 2023)

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Highlighted Coursework: Geospatial Analysis and Remote Sensing, Machine Learning in Environmental Science, Data Visualization and Communication, Modeling Environmental Systems

Bachelor of Mechanical and Electrical Engineering, 3.6 GPA

(December 2017)

Universidad Iberoamericana, Mexico City

Study Abroad: UNSW Sydney, Australia

Highlighted Coursework: The Marine Environment, Global Finance, Sustainable and Renewable Energy, Process Technology and Automation

SKILLS & RECOGNITIONS

Programming, Coding, & Data Analysis: R, Python, SQL, Git (+ GitHub); Familiar with C++, HTML.

Programming Environments: RStudio, Spyder, Visual Studio Code, Jupyter Notebooks.

Technical Coding Skills: Geospatial Analysis and Remote Sensing, Data Visualization, Machine Learning.

GE Company Award: Nominated as “Best Digital Worker” who embraced the digital deployment in the region as an overachiever and a role model.

PROFESSIONAL DEVELOPMENT EXPERIENCE

Collaboration with Center of Biodiversity and Conservation

BCS, Mexico (6/22 – Present)

- Bridging data science and management: An open-source integrated workflow for MPAs.
- Data-driven project mechanism to extract current MPA biodiversity health data from recreational divers

Yachting

Pacific Ocean (7/21 – 7/22)

- Sailed across the Pacific Ocean as Pro-Sailor in a 52ft racing boat
 - Roles: Team Manager, Tactician, and Watch captain
 - Competed in 3 international regattas (CaboRace, SoCal300, Transpac Regatta)

Coral Farming Voluntary – Corals 4 Conservation.

Mamanuca Islands, Fiji (9/21 – 11/21)

- Replanting over 500 corals.
- Transects data practices.
- Work along with the marine biologists in the coral nursery tables maintenance and mangrove reforestation

WORKING EXPERIENCE

Customer Support Lead – Current by GE

Mexico City, Mexico (6/20 – 7/21)

- Global commissioning and tech-support team leader for GE Current’s smart controls software
- Key Responsibilities:
 - Managing the global tech-support team (18 pax). Build and create all procedures needed for the new business strategy and increase their IoT and AI solutions capability.
 - \$5.8 USD in revenue recognition
 - Tech leader for GE Current’s largest gateway programming implementation for energy efficiency and IoT, AI software in over 1250 stores across Mexico.

Digital Project Manager – Current Powered by GE

Mexico City, Mexico (1/18–6/20)

- Lead as a consultant and project manager for all Latin America Turn-Key digital projects:
 - Sole LatAm digital resource for Daintree software implementation. Includes: Internal and external training, solutioning/ troubleshooting, and support for all current and completed projects.
 - Central POC. Lead coordination among third-party contractors.
 - Managing and reporting project status, budget and risks to GE leadership (LatAm, USA, AUS).

Projects Intern – General Electric

Mexico City, Mexico (5/17–6/20)

- Project Management Intern / Order to Remittance team
 - Hand out weekly reports with the installation contractor, and field quality checks for the installation process.
 - GE Lean Challenge competitor leveraging savings based on storage volume and shipment times

MASTER'S CAPSTONE DATA SCIENCE PROJECT

NAME OF THE PROJECT (1/23 – Present)

Role: XXX | Client: XXX

- XXX
- XXX

ADDITIONAL

Languages: Fluent in English and Spanish

Certifications & Training: PADI Rescue Diver, Mexican Yacht Skipper License, Emergency First Respond & CPR certifications

Citizenships: Mexican & Spanish

Other: Authorized to work for any US employer (no sponsorship required)