

JAVIER PATRÓN MARTÍNEZ-FEDUCHY

Date of birth: August 6th, 1993
Citizenships: Mexican & Spanish
Languages: Spanish & English

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📍 Santa Bárbara, California, USA

PROFILE

- Mechanical and Electrical Engineer + Environmental Data Scientist
- Expertise in digital Internet of Things (IoT) systems for building automation/energy savings
- Strong communication and leadership skills
- Open-minded and main POC for problem-solving and troubleshooting processes

Coding Languages: R, Python, SQL

SKILLS: Analytical and energy-saving mindset, proactive and directed towards data-driven results, technical expertise in AI technology and IoT projects.

EMPLOYMENT HISTORY

Professional Development, Career Break

Sailed across the Pacific Ocean as Pro-Sailor and Watch Captain.

- **Yachting:** 3 International Regattas on the sailing vessel *Patches* (52 ft racing boat) as Team Manager/ Tactician. *Cabo Race, South Cal, Transpac*
- **Voluntary Work:** Coral Farming Internship: Replanting over 500 corals. Transects data practices. Work along with the marine biologists in the coral nursery tables maintenance and mangrove reforestation at *Plantation Island Resort. Musket Cove, Fiji*
- **Personal Goals:** PADI Rescue Diver Certificate at *Coral Coast Divers, Pacific Harbor, Fiji*
- **Professional Development:** Data-driven project development to extract MPA biodiversity health data from recreational divers at *CBMC, UCSD*

July '21 – July '22
Pacific Ocean

Customer Support Lead, GE Current

Global commissioning and tech-support team leader for **GE Current's** smart controls software

Key Responsibilities

- Managing the global tech-support team (18 pax)
- Create and develop all procedures to support the new business strategy and increase their capability on IoT and AI solutions
- Main responsible for training and delivering results on the new lighting-controls system "Daintree Control Software"
- Build and integrate the strategy to support the troubleshooting techniques between Dev Ops team, Engineering, Operations and Tech Support teams

Jun '20 - July '21
Remote

Projects

Revenue: \$5.8M USD

Clients: 8 Multinational clients

Challenges: 1) Implementation of GE Current's largest gateway programming, IoT solution and rollout of the Artificial Intelligent IMS Evolve application over 1250 stores across Mexico. 2) Develop and lead all the technical and commissioning procedure for the 1250 gateways delivery and programming. 3) Lead the commissioning team to configure, support and run the applications as a "plug and play" solution. 4) Post-installation support organization and ticketing system

Digital Project Manager, Current Powered by GE

Lead as a consultant and project manager for all Latin America (LatAm) Turn-Key digital projects:

Key Responsibilities

- Central POC to client; Lead coordination among third parties' contractors
- Managing and reporting project status, budget, margins, and risks to GE leadership (LatAm, US, AUS regions)
- Sole LatAm digital resource for Daintree software implementation. *Includes: Internal and external training, solutioning/troubleshooting, and support for all current and completed projects*

Jan '19 - Jun '20
Mexico City

Projects:

Revenue: \$9.8M USD

Clients: 20 multinational clients and over 35 projects

Challenges: 1) Leader of all commissioning team. 2) Analytical mindset for troubleshooting and problem solver on the field. 3) Simultaneous projects running. 4) Trial and error process for energy saving goals and strategies. 5) On time quality delivery, IoT data analysis and paybacks post-project presentations.

- Applied new solution resulting in ~\$100k saving in cost avoidance and an improved control strategy

Engineering/ Technology Intern, Current by GE

Project Management Intern to give follow up to the Order to Remittance (OTR) team. Review and handout of weekly reports with the installation contractor, and field quality checks in the installation process.

Aug '17 - Dec '18
Mexico City

Lean Challenge 2017, General Electric

GE Lean Challenge competitor for the lighting business. Develop project purchasing plan to leverage savings based on storage volume and shipment times. Earnings proposal up to \$300k USD with supply chain and lean processes.

Challenges: Given a financial and business process problem, work on a solution in 7 weeks. The leaner, easiest solution and major savings process wins. Nationwide challenge.

Jun - Aug '17
Mexico City

General Camp Coordination, Camp Pipiol

Led as the chief commander for the entire camp staff for a whole summer. 40+ staff, 220 kids from all around the world. Chief commander for all the activities. Previously worked as the general coordination for all the aquatic activities (1 year), and 4 years as staff.

Summer '14
Mexico City

EDUCATION

- **Bachelor of Mechanical and Electrical Engineer** (2013 – 2017)
 - Universidad Iberoamericana, Mexico City
 - Class of 2017 GPA: 3.6
 - Study Abroad in UNSW, Sydney, AUS (6 months)
- **Extracurricular Courses:** The Marine Environment, Global Finance, Sustainable and Renewable Energy, Process Technology and Automation, English for Business Communication, Reading Comprehension Course, Public Speaking Course

EXTRA-CURRICULAR ACTIVITIES

- **Mexican Sailing International Coach** (2014 – 2015)
- **Team Captain for the UNSW Sailing Team** (Australia – 2015)
- **International Championships**
 - World Championships (2008, 2009, 2018)
 - J70 National Champion (2018)
- **Mexican Yacht Skipper SCT Certificate** (2021)
- **Emergency First Response "EFR" Certificate** (2021)

PERSONAL INTERESTS

Sailing, Surfing, Free Diving, Play the guitar