

# Luis Moux-Domínguez

SOFTWARE ARCHITECT · SOFTWARE DEVELOPER · DATA ANALYST · QUANTITATIVE TRADER

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## Summary

I bring more than a decade of experience in software development with exposure to various industries. I have performed much data analysis in academic research labs (at UPRM, UW-Madison, and Princeton), a Silicon Valley multinational and at a trading firm. I have stepped up to the plate when a firm needed revenue by profitably trading quantitative strategies. I have consistently exceeded expectations as evidenced by a steady stream of bonuses & raises and I can directly trace my results to revenue in the millions.

## Experience

### Empresas Moux-Orcasita LLC

CO-OWNER & CTO

San Juan, Puerto Rico

Jan. 2016 - current

- Bootstrapping businesses, creating technology for ventures, and consulting.

### Great Bay Global LLC (previously known as Great Bay Energy)

SENIOR SOFTWARE DEVELOPER & PROGRAMMER

San Juan, Puerto Rico

Jan. 2014 - Mar. 2016

- Produced many analysis tools, systems and ETLs for traders that enabled revenue generation.
- Generated profits in the millions (within 6 months) via own and co-managed portfolios (30+, PJM & ERCOT).
- Produced an improved version of an existing trade mining system (410% in time-to-completion, from week to hours).
- Decreased deployment pullbacks by an order of magnitude by introducing agile + lean methodologies & best practices.

### OSIsoft, LLC

SENIOR SOFTWARE DEVELOPER

San Leandro, California

Sep. 2008 - Dec. 2014

- Built the BI project that support management uses to make decisions and improve qualitative of service.
- Contributed to central projects (mPI & Pipeline) that generate millions in revenue and on which the company bets its future.
- Resolved over 1,600 support cases (11th/100s most productive volume-wise, in Spanish & English) across various industries.
- Ran scale tests for the C. Advisory Service's Advanced Metering Infrastructure initiative and improved existing throughput by 25%.

### Molecular Thermodynamics lab

RESEARCH ASSISTANT / GRADUATE STUDENT

Madison, Wisconsin

Sep. 2006 - Mar. 2008

- Analyzed phase transitions of liquid crystals via atomistic molecular dynamics and Monte Carlo (own code).

## Education

2008 **University of Wisconsin**, MS in Chemical Engineering

Madison, WI

2006 **University of Puerto Rico**, BS in Chemical Engineering, certificate in Biotechnology

Mayagüez, PR

## Skills & References

### SKILLS

- **Programming:** C#, F#, .NET, JavaScript, Python, RabbitMQ, XML, XSLT, Azure (tables, sql), ASP.NET WebApi, ETL, BI
- **Databases & Environments:** PI System, RabbitMQ, SQL, MongoDB, Ansible, Vagrant, Docker, Linux, SSAS, SSIS, Scrum, Kanban
- **Others:** Data Warehousing, Threat modeling, Portfolio generation & optimization, Risk management, Udata, Integrations

### REFERENCES

<b>Reference 1:</b>	Michael Flaherty	amflaherty@gmail.com	ex co-owner of Great Bay Energy	(617)335-0311
<b>Reference 2:</b>	Daniel Lázaro	kapokasa@gmail.com	colleague at OSIsoft	(510)347-2669
<b>Reference 3:</b>	Steve Nye	steven@osisoft.com	VP Customer Support at OSIsoft	
<b>Reference 4:</b>	Melvin Batista	melbatista@gmail.com	contractor at Great Bay Energy	(787)678-1650
<b>Reference *:</b>	refer to recommendations within LinkedIn profile			