

Bernardo Morales Ramos

SOFTWARE ENGINEER
STUDENT

ACADEMIC HISTORY

AUTONOMOUS UNIVERSITY OF BAJA CALIFORNIA

Aug 2021- Dec 2025

Major: Software and Emergent Technologies
Engineer - Senior Year

COMPUTER INVESTIGATION CENTER.

NATIONAL POLYTECHNIC INSTITUTE, MEXICO.

Jun 2023- Aug 2023 / Research internship.

- Research with focus on the adquirement of knowledge on Quantum Computing and Artificial Neural Networks.
- Research work: "Forecasting stocks and indices in the Mexican Stock Exchange with a chaotic behavior through Quantum Computing and neural networks LSTM".

UNIVERSITY OF MIAMI

Aug 2024- Dec 2024 (Present) / Exchange Semester.

Current Courses

- Int. to Software Engineering
- Int. to Machine Learning
- Algorithms
- Neural Networks

WORK EXPERIENCE

PROJECT LEADER ON FREELANCE WORK

IronWine Cellars LLC | Dec 2023 - Aug 2024


Creation ERP system meeting the criteria and needs of the company, including orders and quotations. From requirements gathering, software architecture, to web development and application deployment.

Used Technologies

- Node JS
- PostgreSQL
- React JS
- Docker
- Python Flask



CONTACT INFORMATION

 bxm1147@miami.edu

 (+52) 664 385 8453

 <https://www.linkedin.com/in/bernardo-morales-ramos-727159263/?jobid=1234>

SPECIALIZATIONS AND COURSES

IBM QISKIT GLOBAL SUMMER SCHOOL 2023

Jul 2023 - Aug 2023

Introduction to quantum computing course

IBM DATA SCIENCE SPECIALIZATION

Aug 2023 - Oct 2023

Set of 10 courses that include data science and machine learning skills.

HARVARD CS50X

Aug 2022 - Dec 2023

Introduction to computer science course

LANGUAGES

- Spanish: Native
- English: TOEFL iBT: 100

PROGRAMMING LANGUAGES

- Python
- C++
- C
- Java
- JS
- HTML

SKILLS

- Software Architecture
- Software Analysis and Design
- Database Design and Management
- Project and Team Management
- Data Science, Data Analysis and AI