

Laura Martin

Contact

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Education

Georgia Institute of
Technology,

MS in Computer Science,
Computing Systems

3.8 GPA

2017-2019

Monterrey Institute of
Technology ITESM,

Mexico City Campus,

BS in Electrical Engineering,

2004-2009

Technologies

Python, Java, SQL,

HTML/CSS, Git, UML, C/C++,

C#, XML, JavaScript,

Assembly, PHP, .NET core,

HTTP, Unit Testing, BFF,

Randoop, Dataflow, Datalog,

CBI, Delta debugging, Klee

Additional project experience in:

Information Security,

Computer Networks,

Operating Systems,

Software analysis and

Testing, Artificial Intelligence

for Robotics,

Computational Photography

Work Experience

2011-2016

Senior Field Engineer • Schlumberger • USA, Indonesia, Mexico

- Responsible for completing on wellsite surveys in demanding 24hr+ environments with multiple responsibilities such as direct client interfacing, ensuring quality and security of client data, on-site troubleshooting equipment failures, invoicing, and delivering completed field reports on location
- Provided mentoring and career guidance, and technical coaching to level 1 and trainee field engineers

2009-2010

Admin Assistant • ITESM Electrical Engineering Dept. • Mexico City

- Supported and participated in the following roles: recruitment, student retention efforts, marketing, course planning and student counseling.
- Laboratory course instructor/TA for sophomore, and junior level electrical engineering classes.

2008-2010

Strategic Accounts Trainee • Oracle • Mexico City

- Supported senior sales engineers in their sales processes and meetings by preparing sales forecasts, sales status reports for weekly meetings.

Programming Projects

Mass Transit Simulation

- Created an application in java to simulate a mass transit system that included: passenger, stops, routes and buses and their interaction. Passenger exchange, adding new routes, stops or buses, etc.
- The phases of this project were: Requirement Analysis & Design, First prototype, Release and demonstration.
- Git was used for collaboration and version control

Wheel of fortune, mobile app for android

- Developed an application that allowed users to play the wheel of fortune on their mobile devices. This app used a database for storing user's information, puzzles and scores.
- This app was developed using a simplified version of the Unified Software Process in the following phases: Software design, Inception and Elaboration, Construction and Transition.
- Group project, used Git to share code and follow up on bugs and issues.

GTBay

- Developed a web-based application using .NET core and MySQL. This application was a shopping platform with auction and consumer to consumer sales like EBay.
- Divided in 3 phases: Analysis and specification, Design and Implementation.
- Group project, used Git to share code and follow up on bugs and issues.