Lizbeth Maribel Meléndez Delgado

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EDUCATION

Tec de Monterrey Campus Guadalajara

August 2019 - June 2023

Bachelor of Science in Computer Science and Technology

Grade: 97/100

Relevant courses: Object-Oriented Programming, Data Structures and Fundamental Algorithms, Analysis of Software Requirements, Software Construction and Decision Making, Analysis and Design of Advanced Algorithms, Software Development.

WORK EXPERIENCE

BOSCH Guadalajara, Jalisco, México

Test Engineering Intern

October 2021 - Present

- Design and implement test cases according to client requirements using CANoe, IBM Doors and RQM.
- o Help to automate high level tests cases optimizing the execution time with vTEST tool.
- o Record test cases result and perform review with different members of the team.
- Work with an agile methodology, use of Jira and SharePoint to keep track of my tasks and the team progress.

PROJECTS

ReadSpace Blog February 2022 - Present

A website to share new learnings from books

Designed the user interface and implemented it using front-end technologies, HTML, CSS and JavaScript.

Traffic simulation November 2021 – December 2021

A 2D and 3D traffic simulation at an intersection in the city of Zapopan

- o Model the traffic situation with the Python library AgentPy.
- Simulate a data (json file) obtained from a Python script in a web interface using three.js.
- O The app was useful to identify possible causes of traffic in that part of the city

Food bank of Guadalajara Application

August 2021 – November 2021

An android application to the Food bank of Guadalajara

- o Designed the user interface and flows with Figma.
- Developed some of the screens (log in/ sign in/ forms) with Android Studio, using Kotlin and XML.
- O Added PayPal services to enable donations and Firebase Authentication for user account creation.

SKILLS

Programming languages		Technologies		Online courses
3 years:	C++	HTML, CSS,	Github,	Introduction to Cloud Development with HTML, CSS, and
1 year:	Kotlin	Android SDK	, Unity,	JavaScript (UW), Data Structures and Algorithms (University
6 months:	Python, Matlab, Java	three.js, Jira, MySQL		of San Diego), Visualizing data with Python (IBM)

PROGRAMS AND GROUPS

Microsoft Learn Student Ambassador Program

July 2021 - present

Part of this community to promote interest in areas of STEM through workshops and courses

Above and Beyond Computer Science Facebook Program

August 2021 – October 2021

Practice Data Structures and Algorithms in this Coding Interview Workshop Series

Android Mobile Development Program

May 2021 – October 2021

Scholarship from Santander and BEDU for an Android Mobile Applications design and development course.