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

- o 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.
- o 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

- o 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.
- o 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.
- o 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 Applicatións design and development course.