Mario **Jiménez**

COMPUTER SCIENCE STUDENT

(+52) 961 2096280 | mario.emilio.j@gmail.com | mariojim.github.io | MarioJim

Education

B.S. Computer Science and Technology   *Aug 2018 - Exp. Dec 2022*
TEC DE MONTERREY CCM   *Mexico City, Mexico*
- Currently in my fourth semester
- Participated as a TA on our Competitive Programming Club
- Relevant courses: OOP, Data Structures, Databases, Networks
- Major GPA: 96/100

Software Projects

Resume and Portfolio   *Since third semester*
LaTeX pdf and React App compiled from the same database   */MarioJim/ResumeAndPortfolio*
- Wrote TypeScript packages for compiling the data to a static React website and to .tex files
- Controlled with a shell script that builds both projects starting from a fresh git clone
- Website hosted on GitHub Pages (mariojim.github.io)

Cave Dungeon   *Second semester*
Procedurally generated RPG written in JavaFX   */MarioJim/CaveDungeon*
- Used Gradle to run, debug and test the game
- Implemented an algorithm to randomly generate map and room layouts
- Learned JavaFX to make a unique graphic interface

Knocki App mockup   *Summer 2019*
Port of my Design Fundament's final project to React + TypeScript   */MarioJim/knocki-app*
- Built using Create React App and Redux
- Written in TypeScript to improve readability through type checking
- Uploaded and hosted on a Heroku server

Skills

Languages	Java (proficient), JavaScript (fluent), C++, TypeScript, Python, Shell
Frameworks	React, JavaFX, Sass, Express, p5.js
Tools	Git, Maven, Gradle, Chrome DevTools

Additional Experience and Awards

Participated in ICPC's Gran Premio de México 2019   *May, September 2019*
MEXICO CITY, MEXICO
- First time competing in a programming contest
- Wrote mainly C++ but also learned the basic syntax of C and Python

First place on Banorte's Challenge at HackMTY 2019   *August 2019*
MONTERREY, MEXICO
- Made an Android app prototype that accurately blocks phishing links and ads

Participated in HackMTY 2018   *August 2018*
MONTERREY, MEXICO
- Created a Python script to scrape videogame store's prices
- Later, rewrote it entirely in Node.js