

**Emilio Rivera Macías**  
**Jr. Software Engineer**  
**Engineering in Computer Systems Graduate**



**Personal Information**

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**About Me**

I'm a determined person who is constantly looking to acquire knowledge, improve my skills and learn new technologies to become a high-value professional in the software development industry. I'm an extroverted person that enjoys socializing, meeting new people and communicating with my partners and friends. Also, I enjoy exercising, going out to hang out with my friends or traveling to the mountains for a hike, making me a very proactive and adventurous person.

**Technical Skills**

- Ample experience programming with Python for Back End development using Django, Django REST Framework, Flask and SQL Alchemy ORM for RESTful API projects.
- Ample experience programming with C# .NET Core using ASP.NET MVC, ADO.NET (Entity Framework) and LINQ for RESTful API projects. Additionally, some experience with .NET MAUI for desktop applications.
- Ample experience programming with C/C++ using STL, POSIX library and Linux API. In addition, some experience with ESP-IDF.
- Considerable experience with JavaScript and Typescript for Front End development using React, React Native, Astro, Next.js, Vue.js. Similar experience with HTML and Tailwind for styling.
- Substantial experience using Linux with some experience with Shell Scripting.
- Considerable experience with Postman and Swagger for testing and documenting API endpoints.
- Considerable experience with SQL, PostgreSQL, MySQL and SQLite.
- Experience with CI/CD workflow with Git, Gitflow, GitHub, GitHub Actions, containerization with Docker and deployment with AWS.

**Experience**

**Engineering Repository API – 2023**

Managing, designing and development of an API as the backend for the engineering repository for the IBERO Puebla community.

**Mobile Apps for FISAIR Air Humidity Control – 2023**

Collaborated on the designing and development of a mobile application for FISAIR Puebla.

**Appointment Management Desktop App – 2024**

Designing and developing an appointment management system for a nutrition clinic.

### **Web Development – 2024**

Collaborated on the designing and development of multiple web pages and a web application for various clients as a freelance developer.

## **Education**

### **Universidad Iberoamericana de Puebla, 2020-2024**

#### **Engineering in Computer Systems**

- Graduated in November 2024
- I finished studying Engineering in Computer Systems with an average of 9.51.
- Former member of the “MES” Representative Student Council for the Computer Systems, Mechatronics and Electronics Engineering careers.
- Former Webmaster and member of the executive committee of the IBERO Puebla’s IEEE student branch.
- Outstanding score in the EGEL Plus Software Engineering Exam.

### **American School of Puebla, 2005- 2020**

- I achieved an average of 9.57.
- I studied the IB program.
- Former member of the Honor Society and Scientific student groups.
- Obtained a score of 623 in the TOEFL ITP Exam.

## **Languages**

**Spanish:** Native Speaker.

**English:** Advanced Level.

## **Aptitudes**

- Leadership
- Confident
- Observation
- Great Communication
- Organized
- Initiative
- Active Learning
- Adventurer

## **Location**

- Puebla, México
- Relocation Availability