

# Edgar Jacob Rivera Rios

Software Engineer

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## EDUCATION

### INGENIERÍA EN SISTEMAS COMPUTACIONALES

INSTITUTO TECNOLÓGICO DE ESTUDIOS SUPERIORES DE MONTERREY - TOLUCA Aug 2012 - Dec 2016  
High academical performance program • Honorific Excellence Mention • CENEVAL National Award GPA: 95/100

### MAESTRÍA EN CIENCIAS COMPUTACIONALES (M.C.C.S.)

INSTITUTO TECNOLÓGICO DE ESTUDIOS SUPERIORES DE MONTERREY - EDOMEX Aug 2018 - May 2021  
Coursework done GPA: 96/100

## EXPERIENCE

### EXPEDIA GROUP | SOFTWARE ENGINEER II

April 2023 – May 2024

- Working in core internal services, creating and maintaining micro-services that underpin the main business. Mainly in Spring, in both Kotlin and Java.
- Integration of these core services with AWS, including CI/CD and related test infrastructure. Worked with Github Actions, Elasticsearch, Wiremock, Spinnaker, and related AWS tech such as EC2, Kinesis, DynamoDB, etc.

### QUALITEST GROUP IN SERVICE OF GOOGLE | SOFTWARE DEVELOPER

June 2021 – December 2022

- Creating and running text experiments for user engagement in Google Search, using HTML, Java and Javascript.
- Creation of internal tools, scripts and data flows in Python, using internal APIs and products.

### COSMOCOLOR S.A. | .NET DEVELOPER

July 2017 - August 2018

- Working in C#, restoring and upgrading an old ASP.NET MVC 4.5 system, using WebServices, while also developing new systems and modules in .NET Core 2.0, Netstandard 2.0 and ASP.NET Core.
- Working with C#, NHibernate and MS SQL Server

### YVI MX | SOFTWARE DEVELOPER

February 2017 - July 2017

- Design and implementation of the Yvi backend, which includes a REST API, a notification system integrated with Firebase and a runner for jobs.
- DB design and administration in Postgresql
- .NET Core in Linux, C# and using both ASP.NET Core and Entity Framework Core

### LA MODERNA | DEVELOPMENT INTERN

August 2016 - December 2016

- Debugging and maintenance of some legacy systems and development of new modules that work with them
- .NET systems, C# and VB.NET used

## SKILLS

### LANGUAGES

- Spanish - Native
- English - 650/677 TOEFL ITP

### PROGRAMMING

Proficient:

C# • Java • Python • Kotlin

Experienced:

Javascript • CSS • HTML • C SQL • L<sup>A</sup>T<sub>E</sub>X

Familiar:

C++ • Rust • Go • Erlang

### LIBRARIES/Frameworks

ASP.NET Core • Pandas Jekyll • Spring • React

### TOOLS/PLATFORMS

Git • Android • Docker DO | AWS | GCE • Unity3d

## PROJECTS

### SHAREMODS | C#, ASP.NET

2020

A webpage which allows to share modlists for the videogame Rimworld. It uses common formats for the community and gives a simple way to share the mods you are using and their order for others to apply in their own client. Link.

### WHATSAPP ANALYZER |

JAVA/KOTLIN, ANDROID APP

2015

Android app which gives an insight of each conversation by showing message counts and statistics. It was initially a python script which evolved into an app.