

Mateo Rendón

📍 México City ✉ crabdev@gmail.com ☎ +52 5518176360 in yourusername 📱 yourusername

Education

Universidad Nacional Autónoma de México

Aug 2012 – May 2018

Grade in Architecture

- GPA: 3.9/4.0 (a link to somewhere [🔗](#))
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Universidad Nacional Autónoma de México

Aug 2024 – In course

Grade in Computer Science

Work Experience

Services Manager

Mexico City

BOA Luxury Projects

June 2020 – Aug 2023

- Manager of installation services for Sub-Zero Wolf kitchen products
- In charge of the services and installation team for luxury architectural projects
- Manage of the team in elavoration in architectural planes and installation

Front End Developer

Mexico City

Movica

June 2023 – Aug 2024

- Designed a UI for the VS open file switcher (Ctrl-Tab) and extended it to tool windows
- Created a service to provide gradient across VS and VS add-ins, optimizing its performance via caching
- Built an app to compute the similarity of all methods in a codebase, reducing the time from $\mathcal{O}(n^2)$ to $\mathcal{O}(n \log n)$
- Created a test case generation tool that creates random XML docs from XML Schema
- Automated the extraction and processing of large datasets from legacy systems using SQL and Perl scripts

Publications

3D Finite Element Analysis of No-Insulation Coils

Jan 2004

Frodo Baggins, *John Doe*, Samwise Gamgee

[10.1109/TASC.2023.3340648](#) [🔗](#)

Projects

Multi-User Drawing Tool

[github.com/name/repo](#) [🔗](#)

- Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized
- Tools Used: C++, MFC

Synchronized Desktop Calendar

[github.com/name/repo](#) [🔗](#)

- Developed a desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users
- Tools Used: C#, .NET, SQL, XML

Custom Operating System

2002

- Built a UNIX-style OS with a scheduler, file system, text editor, and calculator
- Tools Used: C

Technologies

Languages: Java, C++, SQL, Python, Scala..

Technologies: Spring bot, Pandas.