

# Mauricio Alvarado Herrera

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**GitHub:** modi98

**Website:** <https://modi.rip>

## Education:

**TecMilenio University**, Monterrey, Mexico.

B. D. Software Engineering graduated in December 2019.

- Took certificates in mobile apps, web design, and productivity-based technologies that include Android, iOS development, HTML, and Java.
- GPA 3.3 (Converted from 88/100)

## Professional Experience:

### Accenture

**Application Development Analyst** February 2020 – Present

- Worked on big projects with big teams using Angular and Node with scrum methodologies.
- Participated on several courses and talks about Web Development, Advanced Angular, Node, AI, and UI/UX.

### Softher

**Full-Stack Developer** August 2018 – February 2020

- Worked on the startup project of trading algorithm using Python with libraries like NumPy, and Pandas. Developed data analysis, mining, and manipulating skills.
- Developed scheduling system on Node for web-app [www.casasemilla.org](http://www.casasemilla.org), this project includes its own RESTapi and integration of AWS for cloud storage.

## Major Projects:

**Guessing game with binary tree:** Java text-based game that tries to guess your animal and expands as you keep playing. (<https://github.com/modi98/Akinator>)

**RESTfulAPI:** Java Rest API, works with HTTP requests containing user data needed for login and working with files for cloud storage, compatible with JSON and XML. (<https://github.com/modi98/RESTfulWS>)

**Messaging App:** Created on Swift and Objective-C for iOS devices and implemented Firebase libraries for messages and notifications.

## Extracurricular activities:

**Quarterfinalist on Heineken Green Challenge 2018:** Participated with mobile app for corporate car-pooling solution with intention to reduce CO2 emissions and overall parking problems.

**Help with dog shelter (PRODAN):** Gave temporary home and helped promoting adoption of stray animals.

**Hackathon 2019 (HACKMty):** Worked on Konfío's challenge with a small team, oversaw dataset manipulation.

## Skills:

Technical:

- Proficient: Python, Node.js, Vue, MongoDB, HTML/CSS
- Familiar: Java, C++, C#, SQL, Git, Swift

Languages:

- Spanish: Native
- English: Fluent