

# Esmeralda Godinez Montero

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[github.com/Esmegod](https://github.com/Esmegod)

## EDUCATION

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**Instituto Politécnico Nacional (IPN)**  
**Escuela Superior de Cómputo (ESCOM) | Higher School of Computing**  
*Computer Engineering*

Graduating in August 2023  
GPA 89/100

## MAJOR SCHOOL PROJECTS

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### Minesweeper

2022

*A single-player video game whose objective is to clear the board that contains hidden mines*

- Develop in Java SE.
- Design as a network application.

### Chat

2022

*A chat where users can send messages, emojis and audio*

- Develop in Java SE and JavaFX.
- Design as a network application that sends multicast datagrams.

### Backgammon

2020

*Two-player board game where each one must move their pieces to win more stakes than their opponent*

- Built in C using data structures.

### Contrata.me

2021

*Web application aimed at students that provides tools to get a job contract*

- Database design in MongoDB.
- Develop with React.

## SKILLS

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### PROGRAMMING LANGUAGES

3 years: C  
2 years: Java  
6 months: Python, C++

### TECHNOLOGIES

HTML, CSS, node.js, SQL, MongoDB (NoSQL), Git, Heroku,  
VirtualBox, React, Visual Paradigm, VHDL, JavaScript, LaTeX

*Laakmann G. (2015). Cracking the coding interview. Palo Alto, CA.: CareerCup.*