

# Allen Ramírez Ramírez

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## Education

### **Bachelor in Computing with emphasis in Computer Science**

Universidad de Costa Rica

2023

## Projects

### **Educational Game Application in hackathon**

Development of a game using genetic algorithms for the combination of characteristics of organisms in space.

**First place national winning team and global nominee of the hackathon NASA International Space Apps Challenge 2022.**

2022

### **System for registration of hours and assignment of tasks**

Participation in the creation of a website for the management of hours and tasks of students in their University Community Work.

2022

### **Multiple vehicle tracking system**

Implementation of a system to compare tracking techniques of multiple vehicles with artificial intelligence.

2021

### **Roguelike video game**

Creation of a 2D platformer roguelike video game using the Unity game engine.

2021

### **Data clustering application**

Development of an efficient and effective multithreading application that allows the grouping of large amounts of data with the k-means|| algorithm.

2019

## **Skills**

- Programming languages: C++, Java, Python, Javascript, C+, C#, Assembly
- Artificial Intelligence: Convolutional neural networks, tracking algorithms, natural language processing
- Technologies: Databases, GitHub, Django, HTML, LaTeX, Google Docs
- Microsoft Office: Word, Excel, Powerpoint
- Research, problem solving, analytical thinking, Internet, social networks

## **Languages**

- Spanish: Native
- English: Intermediate - high level

## **Work experience**

### **Configuraciones de Tecnología TecSet, San Isidro, Atenas, Alajuela**

- Formatting, re-installations, corrective and preventive maintenance, installation of office packages, antivirus, network and general configurations.
- Occasional work, weekends

2012 - present

### **Delicias Cai Comidas Express, San Isidro, Atenas, Alajuela**

- Customer service, order management, inventory management, social media communications and advertising.
- Weekends

2022 - present

## **Other relevant information**

- Time availability
- Immediate availability

## **References**

Available upon request.