

# JUAN PABLO ALVARADO VILLALOBOS

Computer Engineering Student

## PERSONAL PROFILE

I am a student of Computer Engineering at TEC close t. I consider myself self-taught and adaptable, and I am very interested in continuing to learn. My main goal now is to participate in projects or jobs that allow me to develop myself even more as a professional. For this I have studies and experience in software development and hardware design in combination with a solution-oriented vision and teamwork.

## ACADEMIC PROFILE

### Instituto Tecnológico de Costa Rica

Computer Engineering | 2018-current

- More than 80% of the courses completed
- More than 20 projects developed on Github
- 5 research projects related to Hardware
- Participation in programming competitions such as Programathon and ICPC (2018-2020).

### Colegio científico de Cartago

2016-2018

- Best overall average of the generation
- Honorable mention in the National Mathematics and Physics Olympiads.
- Bronze medal in national chess games.

## REFERENCES

Adriana Mata

- Advisor of the Psychology Department
- Email: admata@itcr.ac.cr

Isaac Ramírez

- Professor at TEC
- Email: isaac.ramirez.herrera@gmail.com

## CONTACT INFORMATION

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## PROFESSIONAL BACKGROUND

### Technical Assistant in the Guidance and Psychology Department

Instituto Tecnológico de Costa Rica | 2020-Current

I work closely with the administration to ensure that the scope, direction and compliance of each process related to the mentoring program that benefits the student community.

### Physics Olympiads Tutor

Colegio Científico de Cartago | 2018-2021

I provided assistance to the students of the Institution with my knowledge and experience in the area of Physics to ensure that the students achieved the best possible results.

### Various development projects

2018-Current

-Portfolio: <https://juan230500.github.io/portfolio3/>

- Web page to display a company's publication (<https://plantasmedicinalescostarica.com/>)
- System to measure temperature in real time inside a greenhouse
- Mobile application to manage inventory in restaurants

## SKILLS AND COMPETENCIES

- Self-motivated, positive-minded team player
- B1 english level and native spanish level
- Team development experience with GitHub
- Experience in project management

- Experience in SQL databases (PostgreSQL, MySQL, SQLite) and NoSQL (MongoDB)
- Usage of graphic design tools and prototyping (Figma, Balsamiq)
- Lots of experience in frontend technologies: React, React Native, HTML, CSS, JavaScript
- Experience in backend technologies: Nodejs, Expressjs, MongoDB
- Advanced knowledge in Python with an emphasis on Machine Learning.
- Experience in other technologies and languages such as: Java, C ++, Assembly, Android Studio, Angular, Flutter, Pygame, Django