

# JUAN PABLO ALVARADO VILLALOBOS

## Computer Engineering Student

### PERSONAL PROFILE

I am a student of Computer Engineering at TEC. 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 70% of the courses completed
- More than 20 projects scheduled 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

Luis Diego Noguera

- Professor at TEC
- Phone: 8823 6765
- Email: ldnoguera@gmail.com

### CONTACT INFORMATION

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Github: [Juan230500](https://github.com/Juan230500)

### 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 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