

Fernando Yollotl TAMAYO HERNANDEZ
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EDUCATION

- **Faculty of Higher Studies Acatlán UNAM (Graduating in June 2022)** CGPA: 9.02 out of 10 (3.60)
Bachelor's degree in Applied Mathematics and Computer Sciences *Graduating in June 2022*
- **National Conservatory of Music** CGPA: 9.00 out of 10 (3.60)
Bachelor's degree in piano

EXPERIENCE

- **Algorithm Club (GUAPA):** I am one of the main organizers of "GUAPA" club in my university, which organizes internal programming contests, and trains students to participate in events like Google Code Jam, Facebook Hacker Cup, etc.
- **Pianist:** As musician, I've played in several places as museums and art galleries, also lead some music projects with my colleagues.

PROJECTS

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| <ul style="list-style-type: none">• Numeric Methods (March 2020 -April 2020):
A webpage developed to solve non-linear equations, integrals, and derivatives with methods like Multivariable Newton, Polynomial Interpolation, etc.<ul style="list-style-type: none">◦ Implemented a backend in Django.◦ All the algorithms were developed in Python.◦ The webpage is hosted in Heroku.Click here to check it out or here to see the code.• Brainf*ck Compiler (Aug 2020 -Aug 2020):
A webpage that explains and compiles the Brainf*ck language.<ul style="list-style-type: none">◦ The frontend is designed in React.js and the compiler is written in Java Script.◦ It's hosted in Github pages.Click here to check or it out or here to see the code. | <ul style="list-style-type: none">• Telegram Bot (Aug 2020-Sep 2020):
A bot designed in golang, using the telegram API, that tells you if a movie is available in Netflix.<ul style="list-style-type: none">◦ The database was collected using web-scraping bots (implemented by me) in python, and the data was stored using Postgres.◦ Implemented user interactive bot in golang.Click here to see the code.• Text To T_EX (Oct 2020-current):
A parser implementation that converts simple markdown to current L^AT_EX.<ul style="list-style-type: none">◦ The parser is composed of a tokenizer and an evaluator, so that it can always be scalable and new commands can be added.◦ All the components are written in golang.Click here to see the code. |
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SKILLS

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| <ul style="list-style-type: none">• 2 years:<ul style="list-style-type: none">◦ C++, C, Java: for competitive programming.• 1.5 years:<ul style="list-style-type: none">◦ HTML, CSS, JS, Node.js: for web development.◦ Python, Django: for multiple uses.◦ MySQL, Postgres Data analysis.◦ Git, Github :Almost.• 1 year:<ul style="list-style-type: none">◦ Bash : improve my Linux setup.◦ Golang: for multiple uses.◦ React.js : improve my web design. | <ul style="list-style-type: none">• Relevant Courses:<ul style="list-style-type: none">◦ Training Camp Argentina-Virtual 2020◦ IV Icesi training camp 2020 |
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AWARDS

- Third place in ANIEI congress programming contest [🔗](#).

MY HANDLES

- **Stop Stalk:** [yollotltamayo](#)