Ester Gracia

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Education and Certifications

• BCompSc in Computer Science, University of Indonesia, Depok, Indonesia. (GPA 3.97/4.00)

2022-Present

Awards and Achievements

- Champion of Competitive Programming Hology 5.0 (2022) Brawijaya University
- Second Winner of Kartini Koding Challenge 2022 Algobash
- Silver Medalist (9th place out of 100 participants) of National Olympiad in Informatics 2021 Ministry of Education, Culture, Research, and Technology, Republic of Indonesia

Experience

Staff of IT Development

Educare 2023

Oct 2022-Present

- Educare is a yearly job fair event held by the Faculty of Computer Science University of Indonesia
- Implement the design provided by the UI/UX team in Figma for <u>Educare 2023 website</u>, including the user dashboard, exhibitor dashboard, and user profile completion section
- Working with API such as POST and GET requests for profile completion section and exhibitor dashboard
- Created custom disclosure components extended from Material UI for exhibitor dashboard
- Tech stacks used: React.js, Typescript, Docker, Tailwind CSS, Material UI

Scientific Committee

Pelatnas TOKI 2023

Jan 2023-Present

- Pelatnas TOKI is a national training held by Tim Olimpiade Komputer Indonesia (TOKI) to prepare and select Indonesia delegations for IOI 2023.
- Prepare problems for daily practice, including the problem description, solution, and test cases.

Coach Kokocoder Jun 2021–Present

- Teach students from junior and senior high school basic and competitive programming in C++. The materials are based on the National Olympiad in Informatics syllabus.
- Prepare weekly problem sets for the students to practice.

Projects

- <u>Personal Website</u> (2022): A submission for Software Engineering selection task in RISTEK Sisters in Tech program
 application, held by <u>RISTEK</u>. The website contains personal information and blogs with features such as create, edit,
 like, and list blogs. Implemented the wiring to the back-end side (which was provided by the committee) using API
 calls for the blog features. **Tech stacks used: Axios, JavaScript, HTML, CSS**.
- <u>Personal Discord Bot</u> (2022): A bot for personal use made with Python and Discord API. Learned the concept of API and environmental variables through this project. The bot was made following <u>this</u> tutorial and improved with some additional features, such as getting the nearest future contest on <u>Codeforces</u>. <u>Tech stacks used: Python, Discord API, Repl.it.</u>

Technologies and Languages

• Languages: C++, Python, Java, JavaScript, TypeScript

• Technologies: React, Axios, Tailwind CSS

• Other: Data structures and algorithms, Problem solving