

Gerrad Natanael Daloma

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OBJECTIVE

Final year Computer Science student at University of Indonesia (current GPA: 3.41). Seeking to leverage and expand my skills in software engineering and gain professional work experience in the tech industry.

SKILLS & INTERESTS

- **Skills** JavaScript, ReactJS, NextJS, TypeScript, PostgreSQL, Golang, Python
- **Interests** Chess, Music (drum), Reading, Calisthenics

EXPERIENCE

Software Seni

Remote

React Developer Intern

Aug 2022 - Oct 2022

- Developed a mini project using ReactJS and React-Bootstrap.
- Developed a Resource Management Website as an internal project using ReactJS, NextJS, Redux, and Material UI for CSS framework.
- Worked in a scrum environment and followed the scrum cycles such as sprint planning, daily standup, sprint review, and sprint retrospective.

Teaching Assistant

Depok, West Java

Language Theory and Automata

Jan 2022 - Jun 2022

- Provided assistance through discussion of materials before midterm and final exams.
- Helped students to build automata machines in Jflap with hands-on tutorial and QnA.

*Foundations of Programming 1
(coordinator of G and H class)*

Aug 2021 - Dec 2021

- Made a programming assignment and 3 lab assignments written in Python.
- Demonstrated how to install and use Python, Anaconda, and VS Code with other teaching assistants.

- Helped students in tkinter project with hands-on tutorial.
- Provided assistance by discussing programming questions for midterm and final exam preparation.

COMPFEST

Depok, West Java

Staff of Capture The Flag Competition

March 2020 - Sep 2020

- Created a challenge for the Reverse Engineering category by using fibonacci numbers and obfuscation with base64 written in Python.
- Created a challenge for the Binary Exploitation category with the concept of ROP 64 in C.

Dasar-Dasar Pemrograman 0

Depok, West Java

Team Syllabus

Jun 2020 - Aug 2020

- Made a Python programming language syllabus (including python installation) that was used as a guide for the mentors to teach more than 300 freshmen.
- Scheduled mentoring schedule for more than 30 mentors who will be teaching for 2 months.

Mentor

Jul 2020 - Aug 2020

- Held mentoring sessions for basic Python programming for 10 mentees with topic review and explanation, exercises, and live coding.

Persekutuan Oikumene UI

Depok, West Java

Head of Research and Development

Feb 2022 - present

- Collecting data on the management of every PO faculty in 2022.
- Established theme, goals, and objectives of Passover event that was held by PO UI.

Research Staff

Feb 2021 - Jan 2022

- Helped to collect data on the management of every PO faculty in 2021.
- Assisted in a seminar for more than 100 christian youths from UI and other universities in Indonesia.

EDUCATION

University of Indonesia

Depok, West Java

Sarjana Komputer (S. Kom.) Jurusan Ilmu Komputer Candidate (Expected 2023).