

Audrey Felicio Anwar

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Education

National University of Singapore

YEAR 3 UNDERGRADUATE STUDENT, COMPUTER SCIENCE (HONOURS) WITH A MINOR IN MATHEMATICS

Singapore

Aug 2019 - Present

- Current CAP: 4.78 out of 5.
- Focus areas: Algorithms & Theory, Artificial Intelligence.

Work Experiences

ByteDance

FRONTEND ENGINEER INTERN

Singapore

May 2021 - Jul 2021

- Worked on implementing features, UI/UX enhancements, and critical bug fixes for two internal machine learning iteration platforms.
- Finished 5 features and 7 critical bug fixes with an above satisfactory final performance review.
- Implemented complex features such as admin page department and role settings, custom card panels, Lark bot notification, and integrated video information and metadata search.
- Went the extra mile by implementing CRUD backend logic and APIs for features such as rendering and saving custom card panels and integrated video information and metadata search.

TSW Technologies

COMPUTER SCIENCE INTERN

Singapore

May 2020 - Aug 2020

- Worked in a team of three developing proof of concept on the company's ethereum blockchain identity project.
- Created several smart contracts with tests using solidity and deployed them on Ganache using Truffle.js.

National University of Singapore

UNDERGRADUATE TEACHING ASSISTANT

Singapore

Aug 2020 - Present

- Conducted weekly tutorial or lab sessions, enhanced students' understanding of lecture materials through tutorial or lab questions, and graded students' assignments.
- Current teaching: CS2103T Software Engineering, CS3230 Design and Analysis of Algorithms.
- Past teaching: CS1231S Discrete Structures, CS2030S Programming Methodology II.

Projects

Trippy (<https://github.com/CS3217-Trippy/Trippy>)

SOFTWARE ENGINEER (iOS)

Singapore

Mar 2021 - May 2021

- Built an iOS application using Swift, SwiftUI, and Firebase to help tourists plan their itineraries and find new travel places using aggregated community recommendations.
- Implemented features such as user authentication, account customization, account gamification with level system, and achievement system.

NUS Scheduler (<https://nus-scheduler.netlify.app/>)

FULL STACK DEVELOPER

Singapore

May 2020 - Aug 2020

- Built a website using React.js and Django to help NUS Students schedule their timetable and plan events, especially NUS related events.
- Implemented features such as events scheduling and grouping, user authentication and customization, files and images upload, kanban task lists, NUSMods parser.

Visintus (<https://github.com/indocom/visintus>)

FRONTEND DEVELOPER

Singapore

Sep 2019 - Apr 2020

- Built a website to help facilitate visits to NUS, especially visits from Indonesian communities who want to learn more about NUS.
- Implemented React.js, React-Redux, HTML, and CSS in building the homepage, itinerary page, and account-related services of Visintus website.

Technical Skills

Programming Languages

JavaScript, TypeScript, Java, C++, C, Solidity, Python, Swift, Proto3, Ruby, SQL.

Web Development

React, React-Redux, HTML, CSS, Django, Flask, Rails, AngularJS.

Additional Informations

Languages

Professional working proficiency in English and native or bilingual proficiency in Bahasa Indonesia (both written and spoken).

Interests

Software Engineering, Artificial Intelligence, Machine Learning, Algorithms.