

AURELIA SIMATUPANG

Multi-lingual, Cum Laude Fresh Graduate Student with a degree in BSC Computing who looks for a full-stack, front-end or back-end position where my creativity, leadership, problem-solving skills, and experience in designing and user-friendly interfaces can be utilized to enhance user experience and drive business objectives. Also interested in and dabbled in cyber-security for my graduating thesis.

Achievements and Projects

- 2022-2023 **WEB DEVELOPMENT INTERN**, *Siloam International Hospital Group*
- Expanding their medical article's content management system according to the requirements
 - Learned Vue.js from scratch.
 - Communicate and negotiate the feasibility of implementing certain new features with the marketing team.
- 2022 **PRODUCT MANAGEMENT WEBSITE**, *Software Engineering Course*
- Group project for the Dutch phone provider Belsimpel to create a novel product management system.
 - Created a front-end in React.js, completed with scalable and organized codes.
- 2021-2022 **E-COMMERCE WEBSITE**, *PASD Course*
- Create a proof-of-concept e-commerce website, the front end was written in React.js.
 - Collaborate with a colleague who wrote a Python back-end.
 - The website includes a cart maintained in browser cookies, a simulated online transaction system, and an appealing and dynamic interface.
- 2021-2022 **HOUSE HUNTING WEBSITE**, *Web Development Course*
- Develop a backend system that supports CRUD and query features for houses and renters. Developed in C#.
- 2021-2022 **FRONTEND DEVELOPMENT**, *SheCodes*
- Created a weather app and a dictionary app using React.JS, GitHub, and open-source API.
- 2018-2019 **SOFTWARE DEVELOPMENT**, *KodingNext*



Contact

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Skills and Competencies

Full-stack Development

Agile workflow

Usability understanding

Requirements gathering

Logical thinking and problem-solving

Teamwork and communication

Project management and organization

Highly focused on accomplishing objectives and attaining targets

Programming Skills

- SQL
- Typescript
- C#
- Java/Kotlin
- Maven and Gradle
- Spring boot
- Python
- Postman
- HTML5
- CSS
- JavaScript (Node, React, Vue)
- Bootstrap
- Docker
- GitHub

- Created editable gallery software on video game characters in PHP, HTML, and JavaScript

2017-2019 **MATH COMPETITION PARTICIPATION, WMTC & WMI**

Participation reward for the World Mathematics Team Championship in Thailand and the World Mathematics Invitational preliminary round in Indonesia.

Academic Background

09.2020 – 08.2023 **BSC COMPUTING SCIENCE, University of Groningen**

Relevant courses include Web Engineering, Problem Analysis and Software Design, Software Engineering, Information System (SQL), Object-oriented Programming (Java), and a thesis on the comparison of Web API fuzzers.

HONOURS COLLEGE, University of Groningen

Extra-curricular courses and relevant work include a data analysing course (Tableau), and literature research on a software framework to help teach computational skills to K 12 students.

09.2022-12.2022 **EXCHANGE SEMESTER, Hong Kong University of Science and Technology**

Three months exchange with relevant courses including data mining (Python), Introduction to Cyber-security, and Computer and Communication Security

07.2014-05.2020 **CAMBRIDGE INTERNATIONAL CURRICULUM, Binus International School Serpong**

Final exam results are as follows: A* in A level of Chemistry, Biology, and Mathematics, A in A level of Physics, and B in AS level English.

Organization Background

2021 Décor Committee from Groningen Indonesian Student Association for Indonesian Day

2018-2019 High School Model United Nations student delegate

2018-2020 Highschool student tutor for Chemistry, Biology and Mathematics

Language

Proficient English

Fluent Chinese

Conversational Indonesian