

Benedictus Alvian Sofjan

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EDUCATION

The University of Hong Kong

June 2022

Bachelor of Engineering in Computer Science. cGPA: 3.75/4.30

Hong Kong

- Entrance scholarship for four years. Expected First Class Honours.
- **Highlight Coursework:** Quantum Information and Computation, Interactive Mobile Development, Software Engineering, Data Structures & Algorithms, Object oriented programming and Java.

EXPERIENCE

Research Assistant

Department of Computer Science, HKU

January 2021 – Present

- Research assistant on Quantum Causality under Prof. Giulio Chiribella.
- Author of [Helstrom](#): The package for distinguishing quantum states with minimum worst-case error.

Partnerships Manager

[Garuda Hacks](#)

September 2020 – Present

- Partnerships Manager of Garuda Hacks. We are a non-profit organization founded by a group of Indonesian students focused on cultivating Indonesia's technology talent. In the past, we have organized Garuda Hacks - Indonesia's largest hackathon with more than 2300 participants.
- Garuda Hacks 2020 as covered by the media: [The Jakarta Post](#), [Liputan 6](#).

Web Developer Intern

Cura Health Limited

July 2020 – August 2020

- Developed front-end for new **website redesign** using React and integrated it with Django back-end.
- Developed static pages as well as dynamic diagnosis quiz, check out and cart views.
- Leveraged knowledge in React, and Django.

HIGHLIGHT PROJECTS

FOODator | Asia's first interactive culinary mobile application that allows users to browse through restaurants in the area and make a match with confidence and ease. (Android Studio, Java, Firebase).

- Exhibited as one of twenty Engineering projects at **HKU Engineering InnoShow 2020-2021**.

HotZone | Full-stack Covid-19 location records visualizer “tracer bullet” app.

JPMorgan Chase & Co. | *Software Engineering Virtual Intern (InsideSherpa)* | June 2020

- Built [stock price data visualizer](#) with Python, React, TypeScript, and Git.

Garuda Hacks 2020 | [GoReach](#), a one-stop platform to connect small businesses with influencers.

Dean's Honour List 2019-2020 | HKU Faculty of Engineering.

ADDITIONAL EXPERIENCE, AWARDS & LEADERSHIP

- **Harvard College in Asia Program 2020** | Selected amongst eight Hong Kong delegates to go to Harvard University for winter academic, social, and cultural exchange.
- **Sports Association, HKU Students' Union** | Financial Secretary of Session 2019-2020.
- **HKU Engineering Alumni Association Scholarship** | Awarded to top three Engineering students annually
- **The Akshaya Patra Foundation** | Digital Marketing Intern at Bengaluru, India (June 2019).

SKILLS & INTERESTS

- **Software:** React, JavaScript, Python, C/C++, Java, Git, MySQL.
- **Languages:** Indonesian & English.
- **Interests:** Quantum computing; software engineering; mobile development; philosophy; art; hiking.