

# HANSA HALIM

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## EDUCATION

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### University of Waterloo

Honours Bachelors of Mathematics, Statistics

Waterloo, Canada

Sep 2017 – Expected Apr 2022

- President of the Indonesian Students' Association (Fall 2018)
- Related Courses: Object-Oriented Software Development, Algorithm Design and Data Abstraction, Databases

## WORK EXPERIENCE

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### Tauria

Junior Software Developer

Waterloo, Canada

April 2020 - Present

- Tauria is a fully encrypted business platform providing secured messaging, video conferencing and more.
- Currently implementing brand new Tauria.com Landing Page in React and Typescript.

### Tokopedia

Software Engineer Intern, Fintech

Jakarta, Indonesia

May 2019 - August 2019

- Tokopedia is Indonesia's largest e-commerce tech startup valued at 7 billion US dollar backed by Alibaba.
- Developed dynamic data processing for credit card products using Go, improving new product deployment process from 1 business day to just a few seconds.
- Optimized data processing by improving SQL queries which leads to 1000x faster processing.
- Streamlined insurance policy requests by automating query transactions.

## COMPETITIONS AND PERSONAL PROJECTS

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### Fluent

fluent.id

June 2019 - October 2019

- Fluent is an anonymous platform which allows people to practice English via peer to peer voice calls.
- Over 70+ unique users during launch week and has collected feedback from users where 6 reported significant improvement in English speaking abilities.
- Created Live Translation feature allowing users to translate text in Real-Time using Google Translate API.

### StarterHacks: Real Time Android Queueing System

devpost.com/software/queuesystem

January 2019

- Won Best Internet of Things award from more than 200 teams and over 1000 participants.
- A virtual queueing system where people can line up for a service without having to be physically present.
- Integrated Google's Firebase Real Time Database to connect services and clients.

### MakeHarvard: OpenApp

https://devpost.com/software/openapp

February 2020

- OpenApp is a unified access system that serves to replace all of your RFID cards such as Subway Pass and Apartment keys into a single app by making use of QR code technologies.
- Integrated Google Cloud Platform's App Engine and Cloud SQL to host and serve authentication services.

### Hack The North: GooseNet

devpost.com/software/goosenet-an-anonymous-community-for-your-apartment

September 2019

- GooseNet is an anonymous social network for your apartment where people who live in the same building can talk to each other, ask for help, and borrow stuffs.
- Developed chat screen that will push new messages to our server and retrieve all new messages using React.

## SKILLS

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**Languages** C, C++, Go, Python, R, JavaScript, Typescript, SQL, HTML, CSS, Bash, Shell

**Technologies** RESTful API, React, MySQL, Next.js, jQuery, Git, Linux, UNIX, Makefile, AJAX