HANSA HALIM

hhalim@uwaterloo.ca • 226-868-5607 • linkedin.com/in/hansahalim • github.com/hansahalim • halim.ca

EDUCATION

University of Waterloo   *Waterloo, Canada*
Honours Bachelors of Mathematics, Statistics   *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

Tauria   *Waterloo, Canada*
Junior Software Developer   *April 2020 - Present*

- Tauria is a fully encrypted business platform providing secured messaging, video conferencing and more.
- Increased new user traffic by 500% by developing a brand new fast and responsive React site.
- Took ownership in building an automated email micro-service using Node/Express and Typescript which will be responsible for onboarding all new users.
- Implemented 2 highly secure token verification modules with multiple hashing and validations.

Tokopedia   *Jakarta, Indonesia*
Software Engineer Intern, Fintech   *May 2019 - August 2019*

- Tokopedia is Indonesia's largest e-commerce tech startup valued at 7 billion US dollar backed by Alibaba.
- Improved new product deployment process from 1 business day to just a few seconds for credit card products by developing dynamic data processing using Go.
- 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

Fluent   *June 2019 - October 2019*
fluent.id

- Fluent is an anonymous platform connecting people to practice English via peer to peer voice calls.
- Over 70+ users during launch week 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 Mobile Queueing System   *January 2019*
devpost.com/software/queuesystem

- Won Best Internet of Things award from more than 200 teams and over 1000 participants.
- A virtual queuing 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   *February 2020*
https://devpost.com/software/openapp

- OpenApp is a unified access system that serves to replace all of your physical cards from Subway Pass to Apartment keys into a single app. Built using React, JavaScript and Go, hosted on Google Cloud.

Hack The North: Apartment Social Network   *September 2019*
devpost.com/software/goosenet-an-anonymous-community-for-your-apartment

- 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. Built using React, Express, JavaScript and Firebase.

SKILLS

Languages   C, C++, Python, JavaScript, TypeScript, Go, R, SQL, HTML, CSS, Bash
Technologies Node, Express, React, REST, Docker, jQuery, MySQL, PostgreSQL, Git, Linux/UNIX