

# Benedict Tobias H. Wahyudi

Full-Stack Software Developer

## Experience

### Software Developer

*Secret Mission Software • Jan 2020 - Apr 2020*

Collaborated with a team of 5 developers and a Project Manager to deliver a responsive web-app using Typescript, React, Apollo, Graphene, and Django. Used Heroku and GitHub for a streamlined CI pipeline.

### Co-Founder and Frontend Developer

*Fluent.id • Jul 2019 - Dec 2019*

Co-founded fluent.id - an anonymous platform which allows people to practice English via free voice calls. Created a responsive web-app using NextJS and Bulma. Implemented peer-to-peer internet calling using PeerJS.

### AI Engineer Intern

*Glair.ai • May 2019 - Aug 2019*

Explored and tested software for Knowledge Graph hosting, management, and creation. Implemented recommender systems using Knowledge Graph Embedding, which showed over 10% improvement over existing Collaborative Filtering models.

### AI Engineer Intern

*GDP Labs Indonesia • Jun 2018 - Aug 2018*

Specialized in dense Time Series preprocessing and clustering. Developed a new clustering method faster than existing algorithms, and realistically demonstrated on several use cases.

## Volunteer Experience

### Executive Board Member

*UW Indonesian Student Association • Sep 2019 - Dec 2019*

Managed and collaborated with a board of 6 to organize events, each attended by over 50 members.

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## Education

### University of Waterloo

Bachelor of Computer Science

Sep 2018 - Apr 2023

## Skills

### Front-End

- React - Next / Gatsby / Apollo
- Storybook + Jest + Storyshots
- HTML / CSS
- Bulma / Bootstrap / Tailwind
- Elementary UI / UX - Figma

### Back-End

- Django - Graphene / Django Rest
- Node - Express / Axios
- Databases - SQLite / Postgres

### General

- C++ / Python / Java / Scala
- Git

## Awards & Activities

### MakeHarvard 2020

Used React, Typescript and Golang to build a unified access system PWA centered around QR codes.

### Hack The North 2019

Used React, Node, Express, and Firebase to build a social network web-app to connect people living in residence.