

# BENEDICT TOBIAS H. WAHYUDI

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## WORK EXPERIENCE

### SAP Canada

iXP Cloud and Software Engineering Co-op  
*UI5, Node, Sinon, Mocha, Jenkins, Docker*

Waterloo, Canada  
May 2021 - August 2021

- Ownership of planning, development, and testing for several features of SAP's HANA Database Explorer.
- Maintained 80%+ code coverage in unit and component tests using Mocha, Sinon, and QUnit.

### Manulife Bank of Canada

Software Developer Co-op  
*Spring Framework, React, Node, Electron, Storybook*

Waterloo, Canada  
September 2020 - December 2020

- Implemented Spring analytics microservice APIs for Bill Payment Reminders, projected to reach **10,000+ customers**.
- Independently proposed and created intuitive testing and automation tools using **React, Node, and Electron**, **reducing manual testing time by over 50%**.
- Contributed to Manulife's inner-source React components library in **Storybook**.

### Secret Mission Software

Software Engineer Co-op  
*React, Apollo, Django, Graphene, Gatsby, Bootstrap, Storybook, Heroku, Typescript*

Toronto, Canada  
January 2020 - May 2020

- Delivered responsive web-apps for multiple clients, including one used by **4,500+** real estate brokers in Toronto.

### GDP Labs

AI Engineer Intern  
*Numpy, SPARQL, Jupyter, Pandas, Matplotlib, Tensorflow*

Jakarta, Indonesia  
May 2019 - August 2019, Jun 2018 - August 2018

- Researched and implemented data processing for recommendation systems using Knowledge Graph Embedding.
- Researched Time Series data processing methods to improve performance of Deep Learning fraud detection models.

## COMPETITIONS AND PROJECTS

### Indonesian National Informatics Olympiad (OSN Informatika)

July 2018

- Ranked **12th nationwide** and achieved a national-level bronze medal in **competitive programming** in C++.

### unlimited-app.com

Co-founder & Co-CEO  
*React, NextJS, Flask, Serverless*

Remote  
March 2021 - Present

- Developed and marketed a platform for designers and art enthusiasts facilitating challenges, competitions, and commissions, currently reaching **400+ users**.

### fluent.id

Co-founder & Front-end Developer  
*React, NextJS, Bulma, Django, PeerJS*

Jakarta, Indonesia  
July 2019 - December 2019

- Designed and implemented a platform connecting learners to practice English speaking via anonymous voice calls.

### Hack The North 2019: Apartment Social Network

devpost.com/software/goosenet

- Designed and built a social network web-app to connect people living in residence.

## EDUCATION

### University of Waterloo

Bachelor of Computer Science

Waterloo, Canada  
September 2018 - April 2023 (Expected)

- Cumulative Faculty GPA: 85%
- Relevant Courses: Object Oriented Programming, Algorithms, User Interfaces, Principles of Programming Languages

## SKILLS

### Frameworks

React, SASS/SCSS, Angular, Django, Flask, Node + Express, Spring Framework

### Tools & Technologies

REST, GraphQL, Git, Unix, Storybook, Android Studio, Figma

### Languages

C / C++, JavaScript / TypeScript, Python, Java, bash, OCaml