

# Dimitar Dimitrov

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## Software Developer (Co-op) – Ericsson (Java/Python/GraphQL/HTML/CSS/JS)

Toronto, ON (May 2018 - Current)

- Integrated GraphQL in Java backend, reducing payload and increasing performance by 13% for use case.
- Implemented server-side caching for GraphQL schema, query strings, and pre-parsed query documents.
- Developed script to convert jMeter test data into Excel spreadsheets used for performance analysis.
- Built a product catalog web app prototype using Salesforce's lightning component framework.

## Java Learning Assistant (Co-op) – Sheridan College (Java/C/Python)

Oakville, ON (Sept-Dec 2017)

- Effectively explained programming concepts to new students through one on one appointments and drop-in sessions which 87% of surveyed students rated very good or excellent.
- Organized and co-lead Exam Cram group study sessions preparing Level 1 Java students for midterm and final exams while breaking an attendance record with 225 students across two campuses.
- Facilitated initiative for students with challenging Java problems on strings, loops, and class design.

## Project – Budget Watch (Java/Android)

- Worked with a team to build features on top of an open source Android application where users can track expenses for different budgets.
- Designed feature for sharing budgets between different devices using Google Firebase.
- Utilized NotificationCompat API to create end of day notification with summary of spending.

## Project – Web Messenger (C/PHP/MySQL/HTML/CSS)

- Developed Web messaging system where users can log in, post, and view different threads of messages.
- System is complete with dynamically generated webpages and persistence through MySQL database.

## Project – CRM App (Node/Express/MongoDB)

- Developed backend web app that can create, read, update, and delete contacts from a database.
- Utilized MVC architecture to separate routing functionality from controller logic.

## Project – TinderBot (Python)

- Developed command line python program that "swipes" right on a user-defined number of people.
- Utilized requests module to gather, organize, and send data using Tinder's REST API.

## Education

**Bachelor of Computing, Computer Science (Co-op)**  
University of Guelph

Guelph, ON (2015-Present)  
Expected April 2020