Dimitar Dimitrov

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Java Learning Assistant (Co-op) – Sheridan College　　　　　　Oakville, ON (Sept-Dec 2017)
(Java/C/Python)

- 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.

- Facilitated a new initiative to service students by expanding their learning during a strike period. Project included a set of challenging Java problems based on strings, loops, and class design.

- 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.

- Co-lead multiple weekly lab sections reviewing and providing supplementary material for students.

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 – Budget Watch (Android/Java)

- 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 – 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.

- Used Express.js framework for routing and mongoose for data persistence and schema validation.

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.

Project – EStore (Java)

- Developed a catalog application where users can add, search, and remove products using a GUI.

Education

Bachelor of Computing, Computer Science (Co-op)　　　　　　Guelph, ON (2015-Present)
University of Guelph　　　　　　　　　　　　　　　　　　　　　　　Expected April 2020