Jenny Lei

Computer Science student seeking a challenging summer 2020 internship position.

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Personal: **jennylei.ca**
Github: **github.com/jennyy-lei**

PROJECTS

Where's my Time? — *Dart, Flutter, SQLite*

- iOS and Android cross-platform app implemented using the Dart language and Flutter framework. User data is persisted locally via a SQLite database
- Targeted towards students to help them manage their time
- Users can track and time individual tasks, task categories, and task durations.
- Implemented generalized search classes for any data type so users can query for existing categories or task as well as create new objects in the moment
- Implemented using BLoC architectural pattern -- used streams to manage and listen for user events and send information to the UI

Announcement System — *HTML, CSS, JavaScript, MySQL, PHP*

- Website inspired by a school announcement webpage
- Built on an Apache server with a MySQL database to store announcement data
- Developed backend to query for announcements by date which can be further filtered by user-defined categories
- Implemented login system with username and password for admin users to manage announcements
- Designed clean, easy to navigate UI interfaces, managed and tracked product / feature deadlines, and pitched product to a group of people

Various Experiments — *Diverse Languages*

- Continuously exploring new technologies and projects
- Can be found on my website jennylei.ca and github github.com/jennyy-lei

WORK EXPERIENCE

Star Badminton, Ottawa, ON — *Assistant Coach*   JULY 2018 - AUGUST 2019

- Mentored young athletes in developing strong foundations in the badminton sport
- Certified in competitive coaching by the National Coaching Certification Program in June 2018.
- Worked in a team of other coaches to create a safe and motivating environment for the athletes to train.

Spirit of Math, Ottawa, ON — *Assistant Teacher*   SEPTEMBER 2018 - JUNE 2019

- Effectively taught advanced mathematics to elementary-level students (1:1 or small groups) while closely adhering to lesson plans set by the teacher
- Organized students to keep them motivated, engaged, and focused on their studies

EDUCATION

University of Waterloo, Waterloo, ON — Candidate for *Bachelors of Computer Science, 1B Computer Science*

SEPTEMBER 2019 - CURRENT

- GPA: 3.94 — Accepted with President's Entrance Scholarship, and Faculty of Mathematics Entrance Scholarship based on math and computer contest scores.

SKILLS

Programming: C, C++, SQL, Dart, Flutter, PHP, Racket, JavaScript ES6, jQuery, three.js, Node.js

Technologies: HTML / CSS5, Git, MySQL, Allegro 5

Tools: WordPress, Visual Studio Code, Eclipse, Code::Blocks, Adobe Photoshop / Illustrator, Linux / Mac OS

Personal: Hard-working, good team player, quick learner, well-organized and self-motivated

AWARDS

Certificate of Distinction - Canadian Computing Competition 2019.
Placed top 8% globally.

Finalist - ECOO Programming Contest 2019.
A 4 people team with 1 computer, competed in the final round against the top 30 teams in Ontario.

Certificate of Distinction - Euclid Mathematics Competition 2019.
Placed top 5% globally.

EXTRACURRICULARS

2019 - Varsity Badminton Team for Waterloo
2018 - Yearbook club executive member

LANGUAGES

English, Mandarin, French