

# danna liu

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## skills

**languages and technologies** - python, java, javascript, html, css, dart, git, vim, bootstrap, jquery,

**technical** - algorithm time complexity, data structures, object oriented programming

## experience

**city of ottawa** - lifeguard & swim instructor aug 2017 — ongoing

- established public safety at the pool, promoted pool side security, and first aid response
- support patrons and help them with any concerns they have
- collaborated with a team of colleagues to ensure best lesson plans and teaching strategies
- taught swimming lessons, motivated and improved confidence within swimmers
- promote proactive safety at the pool with preventing hazardous activities or hazards

**artisans de la paix** - employee of non-profit organization jul 2017 — aug 2017

- triaged the inventory and documented according to categories
- managed cash registry and customer service support
- collected data of items sold from store and kitchen

**nepean synchro** - coach and events coordinator sep 2014—may 2018

- taught synchronized swimming skills to athletes
- created choreography with attention to detail for swimming competitions
- promoted cooperation, teamwork and passion among young swimmers and mentored aspiring coaches
- ran admissions table and judge hospitality committee, calculated and tabulated scores for competitions

## projects

### budgeting app

- developed application using language Dart and Flutter
- implemented a swiping motion within the app for a deck of purchases
- implemented Google's Firestore API to collect user data

### personal website

- developed responsive personal website using github, javascript, html, css, git, vim, jquery
- designed website with bootstrap

**conUhacks** - hackathon (soon to attend) feb 2020

**carleton university artificial intelligence society** - sponsorship executive dec 2019 — apr 2020

## interests

machine learning, artificial intelligence, ecommerce, algorithms, travelling

## education

**carleton university** - computer science, business minor 2019 - 2023