

# Chenyan (Tiffany) Jiang

## TECHNICAL SKILLS

<b>Languages</b>	Java, Grails, JavaScript, HTML, CSS, SQL/HQL, C, C++, Ruby
<b>Web Development</b>	jQuery, Bootstrap, Polymer, RSVP.js, bluebird, Mustache, Moment.js
<b>Testing</b>	Chai, Mocha, Sinon, WebdriverIO, Robotium
<b>DBMS</b>	H2, Oracle, HSQLDB, SQLite
<b>Tools</b>	Git, SourceTree, JIRA, Rally, Postman
<b>IDE's</b>	IntelliJ, Android Studio, Visual Studio, Visual Studio Code, Eclipse

## INDUSTRY EXPERIENCE

**Co-op Software Developer** (Co-op Work Term 2) 09/2017 – Present  
D2L

*Develop Brightspace, a learning management system used by millions of people that engages learners by personalizing the learning experience for every user*

- Define and implement user stories to deliver key features such as viewing children's grades for Brightspace for Parents, a web app aimed at improving student outcomes
- Resolve reported defects at a fast pace to ensure a pleasant experience for all users
- Develop a Polymer front-end that is responsive and accessible
- Modify Hypermedia API's in C# to retrieve students' data from the connected learning management system
- Provide code review and testing for team members' pull requests based on definition of done to ensure that code is clear and doesn't introduce any bugs

**Junior Developer/Analyst** (Co-op Work Term 1) 01/2017 – 04/2017

Small Systems Team, Agriculture and Agri-Food Canada

*Create small to medium scale web apps that improve the productivity of AAFC staff*

- Developed single-page web apps that will upgrade the way AAFC staff does digital signatures and tracks farmers' appeals
- Built a Grails back-end that makes the apps secure and efficient
- Implemented new features to improve user experience, such as using Docxtemplater for Word docs templating and exporting reports with JasperReports and iReport
- Created automated UI tests using Selenium and WebdriverIO to find and resolve bugs

## PERSONAL PROJECTS

**Ruin Your Life Alarm** (MLH Local Hack Day 2017 Project) 12/2017 – Present

<https://github.com/tiffcj/ruin-your-life-alarm>

- Android app that improves users' efficiency by giving them extra motivation to wake up

**University of Manitoba Women in Computer Science website** 09/2017 – Present

<https://github.com/umwics/wics-site>

- Design and develop a website with the rest of the WICS team to provide resources and events to support women in tech at the U of M, using tools such as Jekyll, Flexbox and parallax scrolling

**Entertainment Tracker** 05/2017 – Present

<https://github.com/tiffcj/entertainment-tracker>

- Provide users the convenience of having the tracking of their progress in books, TV shows etc. all in one web app, which involved designing and setting up an H2 database

## EDUCATION AND ACHIEVEMENTS

---

**Bachelor of Science – Computer Science Major (Co-op Option)** 2015 – Present  
**Statistics Minor**

University of Manitoba

- Guenter Krause Award
- University of Manitoba Employees Scholarship, 2016 and 2017
- Dean's Honour List, Fall 2015 and Winter 2016

**Bachelor of Science – Anatomy and Cell Biology Major** 2012 – 2015  
(Completed 3 years)

McGill University

- Hugh Brock Entrance Scholarship

## EXTRACURRICULARS

---

**Participant**, LeetCode Contests

**Participant**, Major League Hacking Local Hack Day 2017

**Member**, University of Manitoba Women in Computer Science student group

**4<sup>th</sup> place**, Manitoba Programming Contest 2017

**4<sup>th</sup> place**, Regional Team Contest 2017

**Participant**, Google Code Jam 2017

**11<sup>th</sup> place**, Manitoba Programming Contest 2015

## ADDITIONAL WORK EXPERIENCE

---

**Computer Science and Statistics Tutor** 09/2017 – Present

Private and University of Manitoba Tutor Registry

- Customize lesson plans and effectively communicate with students to engage them on the material and help them achieve their academic goals

**Crew Member** 06/2012 – 08/2012

McDonald's Canada

## COMMUNITY INVOLVEMENT

---

**VP Events** 03/2014 – 04/2015

McGill Chapter of the Canadian Liver Foundation

- Co-founded the first university chapter of the Canadian Liver Foundation in Canada
- Recruited new members into the club
- Raised money and awareness for liver health and research on campus through events
- Collaborated with the other VPs through meetings and regular communication

**Rehabilitation Volunteer** 09/2012 – 04/2015

Richardson Hospital

- Assisted the physio and occupational therapists on a weekly basis
- Guided patients through their rehabilitation exercises
- Ran group exercise classes for patients

**Health Ambassador** 01/2013 – 04/2013

Canadian Liver Foundation

- Delivered presentations about nutrition and liver health at YMCA and Yellow Door
- Organized events with 50+ participants such as the annual 5K Stroll for Liver