

Mac Hayter

Education

2015–2019 **Honours BSc in Computer Science**, *University of Ottawa*, Ottawa, Ontario.
Expected Graduation 2019

Work Experience

- Summer 2018 **Quality Assurance Developer**, LONDON LIFE *London, Ontario*.
Collaborated with a small team to design and develop a new utility testing dashboard.
- Created various sketches and wireframes to demonstrate potential designs for the dashboard
 - Developed the application using Java Spring framework, HTML, CSS and JavaScript
 - Modeled the application using the MVC architectural pattern
 - Managed the database using MySQL Workbench
 - Documented and tracked progress using Confluence and Jira
- Summer 2017 **Informational Technologies Intern**, LONDON HYDRO *London, Ontario*.
Assisted in the development of a RESTful API service intended to coordinate and validate consumer reward programs.
- Created entity relationship, and workflow diagrams
 - Developed a database in MySQL Workbench
 - Worked with Spark Java framework to develop HTTP requests and responses
 - Documented progress through Jira and Confluence
 - Gained a better understanding of code structure and organization using Services, Controllers, DAOs and models
- Summer 2016 **Informational Technologies Intern**, LONDON HYDRO *London, Ontario*.
Created presentations for project updates and researched smart home devices as well as other energy friendly technologies.
- Assisted in creating, organizing and presenting updates on ongoing projects
 - Created graphs displaying and comparing home energy data gathered from APIs using Highchart.js
 - Developed graphics for use on websites and presentations

Volunteer Experience

- May 2017–
May 2018 **Vice-President Executive Affairs**, COMPUTER SCIENCE STUDENT ASSOCIATION.
Responsible for supporting all other executive members of the CSSA in their duties and projects, as well as, ensuring that all policies in the CSSA Policy manual are followed as described in the associations constitution.
- Participated in weekly meetings presenting any updates in regards to current responsibilities
 - Assisted in planning, organising and running various events with the association
 - Created posters and banners used to promote events
 - Managed and approved community volunteer hours for the members of the association
- Sept 2016 –
May 2017 **Second Year Representative**, COMPUTER SCIENCE STUDENT ASSOCIATION.
Represented the second year undergraduate computer science students, and acted as a communication medium between the CSSA and computer science students

Computer Skills

Languages Python, Java, JavaScript, CSS, HTML5, XML, JSON
Database MySQL, PostgreSQL
Design Adobe Creative Cloud: PhotoShop, Premiere Pro, InDesign, AfterEffects, Dreamweaver

Awards and Achievements

- 2016 Adobe Systems Canada Scholarship
2015 Nortel Network Admission Scholarship
2015 Lucan Optimist Club Clinton Hodges Award