

# Harold Lu

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## Education

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| <b>Carleton University, Ottawa, ON</b><br><i>Bachelor of Computer Science, Network Computing, Co-op</i> <ul style="list-style-type: none"><li>- Third Year Undergraduate, CGPA 11.6/12.0 (A)</li></ul> | Sep 2019 – Apr 2022 |
| <b>University of Ottawa, Ottawa, ON</b><br><i>Bachelor of Science in Biopharmaceutical Science, Co-op</i> <ul style="list-style-type: none"><li>- Graduated Magna Cum Laude</li></ul>                  | Sep 2014 – Apr 2019 |

## Skills

### Languages:

JavaScript, C++, Python, Java, C, SQL

### Technologies:

Node.js, Express.js, MongoDB, RESTful APIs, PostgreSQL

## Projects

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| <b>HealthCorner.blog, Healthcare Information in Canada</b><br><i>Co-founder and UX/UI Designer</i> <ul style="list-style-type: none"><li>- Designed and built the website using WordPress, HTML, and CSS, with over 4000 site visitors</li><li>- Consulted Chinese immigrants about their difficulties with finding healthcare information</li></ul> | May 2018 – present |
| <b>Trivia Web Application</b><br><i>Class Project</i> <ul style="list-style-type: none"><li>- Built several trivia web applications with servers that allow for sessions, account creation, and game hosting using JavaScript and HTML with NodeJS and the Express.js web framework</li></ul>  | Dec 2019           |
| <b>Fishing Competition</b><br><i>Class Project</i> <ul style="list-style-type: none"><li>- Programmed a C game, incorporating principles of Systems Programming, including memory allocation and deallocation, single and double pointers, and C typedefs and structs</li></ul>  | Nov 2019           |

## Professional Experience

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| <b>School of Computer Science, Carleton University</b><br><i>Teaching Assistant</i> <ul style="list-style-type: none"><li>- TA for COMP1406, Introduction to Computer Science II (Object-Oriented Programming)</li><li>- Communicate requirements for assignments and conduct tutorials and office hours</li></ul>  | Jan 2020 – May 2020 |
| <b>Department of National Defence</b><br><i>Real Property Portfolio Analyst</i> <ul style="list-style-type: none"><li>- Critically reviewed project and business documentation for the National Defence Science and Technology infrastructure portfolio, to be used in the construction of new infrastructure</li><li>- Developed and led system for digitization, centralization, and archiving of project files</li></ul>                             | Sep 2019 – Dec 2019 |
| <b>Canadian Health Measures Survey - Statistics Canada</b><br><i>Research Assistant</i> <ul style="list-style-type: none"><li>- Conducted diagnostic and UI testing on a new web-portal for the purchase and usage of biological specimens by Canadian and international researchers</li><li>- Assisted in the addition of new tests to the laboratory assessments in future cycles by producing research reports on oral and gut microbiomes</li></ul> | May 2019 – Sep 2019 |