

# PATRICK LEWERY HARRIS

patrick@plh.io · <https://plh.io>

## EDUCATION

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**University of Toronto** Toronto  
H. BSc Computer Science Specialist & History Minor  
Currently in third year

## EXPERIENCE

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**Great Lakes Schooner Company (Cruise Toronto Inc.)** Toronto  
*Engineer* May 2017 — September 2017

- Operation, repair and maintenance of electrical, mechanical and water systems.
- Operation of generators and engines.
- Leading a team of three deckhands on public cruises

**Great Lakes Schooner Company (Cruise Toronto Inc.)** Toronto  
*Deckhand* May 2016 — September 2016

- Operation of traditional sailing ships during public cruises and private events.

**Cadets Canada** Kingston  
*Staff Cadet* Summer 2014 — Summer 2015

- Similar to the role of a camp counsellor: taught sailing to groups of 14 - 15 year olds at HMCS Ontario Cadet Summer Training Centre.
- Responsible for 40 campers and several other staff members.
- Culmination of a six year cadet career

## SKILLS

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Programming Languages: Python, C, Java, Javascript, Actionsript 3, Shell, Verilog, HTML/CSS, Latex  
Tools & Misc.: Git/Github, JUnit, TravisCI, Photoshop, Microsoft Office, Bash & Z Shell, SVN, SQL, Make, Unix / Linux

## PROJECTS

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**UofT Major Finder** *Javascript, HTML/CSS* <https://plh.io/major-finder>  
Tool that allows students at the University of Toronto to find out what programs they are eligible to enter based on their first year courses

**Forest C** <https://github.com/patrickleveryharris/forest>  
Command line utility for searching and viewing the file tree

**psh C** <https://github.com/patrickleveryharris/psh>  
A command line shell

**Intersection** *Verilog* <https://plh.io/intersection>  
A miniature set of traffic lights controlled by a a DE1 FPGA and pressure sensors

**Anagram Solver** *Python* <https://github.com/patrickleveryharris/anagram-solver>  
Command line utility to solve anagrams

Further projects available at <https://plh.io/portfolio>

## RELEVANT COURSEWORK

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- CSC263 - Data Structures and Analysis
- CSC258 - Computer Organization (Verilog and hardware)
- CSC207 - Software Design (object oriented programming in Java)
- CSC209 - Software Tools and Systems Programming (C and Shell programming)
- CSC148 - Introduction to Computer Science (Python)