Liam Hickey

543 East Orkney Private
Ottawa, Ontario, K2C 3M7
(cell) 647-627-1961, E-mail: liamhickey@cmail.carleton.ca

EDUCATION

Bachelor of Software Engineering

Carleton University, Ottawa, Ontario

- Third Year Standing, CGPA 8.33

AVAILABILITY

Available for 8 months beginning January 1st, 2018

RELEVANT SKILLS, EXPERIENCES AND ACCOMPLISHMENTS

Technical Skills

- Proficient in several computer languages/frameworks including:
  - Python 2-3, Java, C, Racket, Prolog, Intel x86/Motorola/PEP-8 Assembly, Django, React.jsx, Coffescript, HTML, HAML, CSS, .cjsx, jQuery, JS, VB, VBS, ActionScript, Bash, Batch, .sh scripts, Regex, Git, LISP family
- Working knowledge of the following operating systems:
  - Windows 98-10, iOS 1-9, OS X 10.6-10.11, Ubuntu/Arch/Debian Linux
- Python:
  - Created web pages using the Django framework, and bug fixes for analytics jobs.
  - Developed software for image manipulation involving filters, and other pixel by pixel alterations.
- Java:
  - Designed a program to generate unique 2-D cave systems for text based games utilizing cellular automata.
  - Created a Network Packet Simulator for various network routing strategies.
  - Created a TFTP protocol conforming P2P file transfer tool.
- C:
  - Developed algorithms for Stack, Queue, Linked List, and Array manipulation and investigated their strengths and weaknesses in different applications.
- Assembly:
  - Coded programs involving stack manipulation, I/O, integer, ASCII, and floating point operations.

Communication Skills

- Presentation Skills: Extensive academic experience, large event MC experience with the Halton District School Board.
- Organizational Skills: Organized, and ran many camping events for Scouts Canada, and fulfilled the role of Risk Manager as a part of the On Rappel! Organization for many rock climbing and rappelling excursions for kids.

PREVIOUS WORK EXPERIENCE

- **April 2016 – August 2016**   **Polar (see http://polar.me/)**

  Polar is an ad-tech company which provides an interface for web publishers to create branded content, and native advertisement campaigns. These are ads which appear as content on the publisher's sites, served by their ad servers.
  - Developed web pages Python and a host of web related languages.
  - Gained a working knowledge the development stack for web development in Django, in an Agile Environment.
  - Worked Independently on Feature, and Bug tickets, using Git version control.

- **May 2015 – Aug 2015, May 2017- Aug 2017**   **Con-Elco Utility Contractors**
  - I was a seasonal apprentice as a labourer laying pipe and hydro cable, and raising/wiring streetlights
  - Burying, and connecting bell service wires for residential homes.