

Ryan C. Fleck

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OBJECTIVE	An internship or part-time position in the field of Computer or Software Engineering with special interest in human behavior analytics, data structures, information processing, GNU/Linux and Unix programming philosophies. Optimal term 4-12 mo.
EDUCATION	<i>Bachelor of Applied Science, Computer Engineering</i> University of Ottawa, Ontario, graduating April 2020 <i>High School Diploma, Gifted, with Honors</i> Westmount Charter School, Calgary, AB, graduated June 2015
COMPUTER SKILLS	<i>Programming Languages</i> - Java, C, Python 2.7/3, Shell Scripting, MATLAB, C++(Arduino). <i>Formatting Languages</i> - HTML, CSS, LaTeX, Markdown. <i>Operating Systems</i> - GNU/Linux, FreeBSD, MS Windows. <i>GNU/Linux Distributions</i> - RHEL, Debian and SUSE Linux products, and their respective downstream distributions, for desktop and small-server use. <i>Version Control</i> - Uses GIT for personal file organization and school projects. <i>Networking</i> - Personal user of ssh, ftp and associated security protocols. <i>Linux SysAdmin</i> - Runs a Debian server for personal/friend use.
WORKPLACE SKILLS	<i>Documentation</i> - Proficient with the Microsoft Office Suite, Libreoffice and Latex. <i>Customer Service Experience</i> - Has worked in restaurants, coffee shops and retail. <i>Teamwork</i> - Has worked in teams on various job sites, excellent delegation skills. <i>Quality of Writing</i> - Appreciates brevity, can communicate ideas effectively over email. <i>Honest</i> - Appreciates critical feedback and peer review, won't blame or hide mistakes. <i>Helpful</i> - Will go out of his way to help peers with complex or poorly defined material.
PERSONAL PROJECTS	<i>Server</i> - Maintains a Debian server for Mumble, a personal cloud, remote computing. <i>Blog</i> - Built a site using Ruby and the Jekyll static site generator. Project blog. <i>BCOM</i> - Top-down turn-based strategy game implemented in Java based LibGDX. <i>GameMaker Engine</i> - Has made a handful of 1-4 player, 2-D physics games. <i>Art, Sound, Animation</i> - Creates assets for games using Krita, Gimp, Audacity, etc. <i>Hack-a-thon</i> - Participant in Pebble Smartwatch Hack-a-thon. Implemented in C.
EXPERIENCE	<i>Analyst-Developer at MNP</i> Winter 2018 - Present Consulting and Software Development / Data Science position. Self-driven CO-OP. <ul style="list-style-type: none">• Directly provides clients with documentation and updates on contracted work.• Presents technical materials to audiences with varying levels of expertise. <i>Partner at Starbucks Coffee</i> Summer 2017 - Winter 2018 Barista, Cashier, Support - Rideau Ctr, Ottawa, ON. <ul style="list-style-type: none">• Valued member of the team with excellent customer service skills• Ensures efficient operation of the store, helps others and delegates tasks <i>General Laborer at Advantage Personnel</i> Summer 2017 Contract light industrial, warehouse, dispatch, construction work - Ottawa, ON. <ul style="list-style-type: none">• Courier Assistant for MIDLAND - Delivered pallets, night shift

- Warehousing worker for various contractors, heavy lifting involved
- Demolished and restored many buildings in downtown and rural Ottawa, including a Swiss Chalet, Sushi joint, French School and many private residences
- Construction work- Digging, basic carpentry, can operate many basic machines

Personal Shopper at Loblaws Summer 2016 - Winter 2017

Click and Collect Department - MacArthur Ave, Vanier, ON.

- Prepared groceries for pickup by customers
- Interacted directly with customers to confirm details and problems with order
- Never missed a shift, was never late to work

SPECIFIC LANGUAGE EXPERIENCE

Shell Scripting - Uses shell scripts to initialize and automate Linux installations.

Java - All school projects are completed in Java. Also used for many personal projects.

Python - First programming language. Heavily utilized in personal sysadmin.

Haskell - Tinkered with while taking a statistics course, along with R and cLISP.

C - Used to build a Pebble Watch-face and a number of small, simple programs.

MATLAB - Used during 'Signals and Systems,' signal processing class ELG3125.

LaTeX - Used for assignments, labs and reports. Personal favorite for formatting.

Miscellaneous Scripting Languages - Give me a cheat sheet and a weekend.

In My Queue - LISPs, Erlang, Rust, Hadoop, functional programming in general.

COMMUNITY SERVICE

Group Tutoring - Organized and directed tutoring sessions for Introduction to Programming I (ITI1120). Helped to troubleshoot assignments and walked through generic solutions to common problems with a large group of students. Brought a personal projector to the library to more easily communicate with the group. One peer commented that my sessions were "Twice as useful as going to class."

English and Math Tutoring - Tutored young children grades 5-9 in Mathematics, English and Programming while attending classes at Westmount Charter School.

SOCIAL MEDIA

Github - github.com/ryanfleck

Linkedin - [linkedin.com/in/ryan-fleck-b5769412a](https://www.linkedin.com/in/ryan-fleck-b5769412a)

Facebook - [facebook.com/ryan.fleck.585](https://www.facebook.com/ryan.fleck.585)