

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 GNU/Linux, data structures, information processing and Unix programming philosophies. Insatiable appetite for learning about new technology, niche languages, human behavior analytics and things to automate on my server.

EDUCATION *Bachelor of Applied Science, Engineering*
University of Ottawa, Ontario, graduating April 2020
Specialization: Computer Engineering

Gifted High School Diploma with Honors
Westmount Charter School, Calgary, AB, graduated June 2015

COMPUTER SKILLS *Programming and Formatting Languages:* Java, C, Python 2.7/3, cLISP, Haskell, Shell Scripting, MATLAB, C++(Arduino), HTML/CSS, LaTeX, Markdown.
Operating Systems: GNU/Linux, FreeBSD, MS Windows.
GNU/Linux Distributions: Debian and derivatives like Ubuntu, RedHat Enterprise and derivatives like Fedora, SUSE Enterprise and derivatives like Tumbleweed, Arch.

- Very comfortable in command line environments.
- Experienced with most of the core GNU applications and utilities.
- Heavy user of ssh and associated light security protocols.
- VCS enthusiast, uses Git with personal files, school and projects.

NOTABLE QUALITIES *Customer Service Experience* - Has worked in restaurants, coffee shops and retail.
Can Write - Keeps a journal, writes short stories and poetry, appreciates verbosity.
Communication Skills - Able to convey ideas with clarity, good at teaching others.
Honest - Will always be open about mistakes made, appreciates critical feedback.
Clever - Finds the alternative. Who needs a powerful laptop when there's \$ssh -XC?
Sense of Humor - A great deal more fun to work with than the other automated knowledge regurgitation engines in my faculty... Oh, peers! They're called peers.
Heaps of Common Sense - Won't question if he should feed the components on the breadboard a cosine wave instead of a sine wave.

EXPERIENCE *Partner at Starbucks Coffee* Summer 2017 - Ongoing
Barrister, Cashier, Support - Rideau Ctr, Ottawa, ON.

- Valued member of the team with excellent customer service skills.
- Ensures efficient operation of the store, rarely mismarks cups.

General Laborer at Advantage Personnel Summer 2017
Contract light industrial, warehouse, dispatch, construction work - Ottawa, ON.

- Courier Assistant for MIDLAND - Delivered pallets, night shift.
- Warehousing worker for various contractors. Heavy lifting.
- 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.

Waiter at Jubilations Summer 2015
Waited tables and completed tasks backstage - Dinner Theater - Calgary, AB.

- Had to remain in character related the the current show.
- Managed food and drinks for a section of up to 8 tables with 2-8 people each.

Staff at PAWS Summer 2015
Inventory Management, Customer Service - Calgary, AB

- Tasked with pricing goods and submitting orders for more product.
- Helped customers make informed decisions based on their unique requirements.

COMMUNITY SERVICE

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 by bringing a personal projector to the library. One peer commented that my sessions were "*Twice as useful as going to class.*"

Tutored young children in Mathematics, English and Programming while attending classes at Westmount Charter School in Calgary, AB.

EXTRA-CURRICULAR ACTIVITIES

Administrator of a tiny Debian server for personal/friend use.
Actor and Model for various agencies. Separate resume available.
Develops games using the LibGDX and GameMaker engines.
Refurbishes Thinkpads - Screen replacements, cleaning, rewiring.
Can paint, draw, sculpt and write both physically and digitally.
Participant in Pebble Smartwatch Hack-a-thon. Implemented a watchface in C.

SPECIFIC LANGUAGE EXPERIENCE

Java - All school projects are completed in Java. Also used for many personal projects.
Python - First programming language. Heavily utilized in personal sysadmin.
Shell Scripting - Uses shell scripts to quickly get new systems up and running.
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.

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)
Twitter - No account.
Instagram - [instagram.com/rcfleckx](https://www.instagram.com/rcfleckx)
Personal Website - ryanfleck.github.io

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