

MITCHELL SAWATZKY

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Objective:

To gain a full-time internship and further my knowledge as an engineer, as well as grow my analytical, communication, and leadership skills.

Education:

Bachelor of Science in Software Engineering

Expected Graduation Date:

Schulich School of Engineering, University of Calgary

2019, with Internship

- Cumulative GPA of 3.5; Last semester GPA of 3.85
- *Current Coursework:* Embedded Systems, Computer Networks, Operating Systems, Database Management, Software Design
- *Past Coursework:* Compilers, Formal Languages, Computer Architecture, Data Structures and Algorithms, Project Management, Software Principles, Logic
- *Studied abroad* in Málaga, Spain

Skills:

Languages: C, C++, Java, Javascript, NodeJS, JQuery, PHP, HTML, CSS, Markdown, Bash, Python (limited), Assembly (limited)

Developer Environments: CentOS, Ubuntu, Mac OSX, Windows

Databases: SQLite, Redis

Software: Git, Gimp, Microsoft Office Suite

Editors: Vi / Vim, Atom

Experience:

Electrical Engineering Students' Society – *Web Developer, Systems Administrator* March, 2016

- Developed and maintained club website to promote student involvement at the university.
- Managed file server, user emails, and user access to sensitive information.
- Deploy and manage a LAMP stack capable of serving pages to students.
- **Technologies:** HTML, CSS, Javascript, jQuery, Git, MySQL (limited), Apache

Calgary Stampede – *Customer Service Representative* July, 2012 – Present

- Train new hires in operating procedures and customer service.
- Oversee and supervise up to 20 employees while solving problems in an efficient and pragmatic manner.

Projects:

Interactive Résumé Website – <https://sa.watz.ky> Summer, 2016

- Leverage responsive web design to create a mobile-friendly interactive résumé.
- Manipulate and design various icons and art.
- **Technologies:** HTML, CSS, Javascript, Git, GIMP

Zookin – <https://github.com/bufutda/zookin> January, 2016 – Present

- Encode, decode, and bruteforce ciphertxts with 7 different methods.
- Split time-consuming tasks into multiple processes for faster output.
- Establish a method for computing the ends of words in concatenated prose.
- **Technologies:** NodeJS

IRC Moderation Robot – <https://www.bufutda.com/bufbot> Summer, 2013 – Present

- Provide spam monitoring, commands, real-time alerts, and other services to over 10000 users.
- Leverage regular expressions to detect complicated states from text.
- Develop webserver, RESTful API, and front-end website from the ground up.
- **Technologies:** HTML, CSS, Javascript, NodeJS, jQuery, PHP, Git, Redis, SQLite