Ellen Lloyd   www.ellenlloyd.ca

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Mature student in first year of CS undergrad seeks Summer 2022 tech internship with an employer that shares my values of **innovation**, **learning** and **excellence**.

PERSONAL PROJECTS

Stardew Valley Modding | *C#, Python*

Developed **C#** mods adding UI enhancements (*Fish Preview, Show Item Quality*) and new interactive features (*UV Index, Angry Grandpa*) to Stardew Valley game. https://github.com/Jonqora/StardewMods

- Used **Git** for version control and **GitHub** for collaboration and pull requests.
- Interfaced with Stardew Modding **API**, used established frameworks, and managed dependencies to optimize compatibility with other mods.
- Used Harmony library to patch .NET methods in original source code. For tricky cases, interpreted CIL instructions and crafted precise, dynamic Harmony transpilers to safely alter opcode sequences in external code.
- **Led a team** of 20 contributors and wrote scripts in **Python** to format a collaborative mod of text-based content edits (*Unsettling Item Descriptions*).

Quarto! | *JavaScript*

Hotseat web client for a two-player game. Uses basic responsive design. https://ellenlloyd.ca/quarto/

Thesis Showcase | *HTML, CSS*

Static web page sharing the new **non**-listening theory I developed from my master's research. Includes a custom script to expand/hide content. https://ellenlloyd.ca/non-listening-theory/

EDUCATION

Bachelor of Computer Science | *University of British Columbia, Canada*

SEPTEMBER 2021 – MAY 2024 (EST.)

Accelerated program for new CS students who hold a prior degree in another field.

M.Sc. in Marketing | *University of Saskatchewan, Canada*

SEPTEMBER 2015 – DECEMBER 2019 | GPA 89.35%

Thesis: Six Non-Listening Patterns in Stakeholder Networks: A Grounded Theory Model
Computer Science Course: CMPT 141 – Introduction to Computer Science (grade: 100%)

B.Sc. in Psychology (Honours) | *University of Calgary, Canada*

SEPTEMBER 2010 – DECEMBER 2014 | GPA 3.92/4.00

KEY ATTRIBUTES

Aspires to excellence, aims to impress

Embraces challenge and seeks out creative solutions

Leads and mentors others to facilitate group success

Gathers, uses, and organizes knowledge to benefit others

Volunteers time to develop knowledge and skills of peers

Cares deeply about people, ideas, and outcomes

Commits to accuracy, honesty and open communication

AWARDS

Canada Graduate Scholarship
Master's (CGS-M) Award
2016

Saskatchewan Opportunity Scholarship
2016

LANGUAGES

C#, Python, Racket, C++, JavaScript, CSS

English, French

WORK HIGHLIGHTS

University of Saskatchewan, Saskatoon, Canada | *Graduate Student Researcher*
SEPTEMBER 2015 – DECEMBER 2019

Engaged audiences at meetings, forums, and conferences: delivered **7** unique talks and poster presentations aimed at furthering industry outreach practices for technical fields. Generated new theoretical models from in-depth qualitative analysis. **Canada Graduate Scholarship**—Master's Award recipient.

Edwards School of Business, University of Saskatchewan, Canada | *Tutorial Leader*
JANUARY 2016 – APRIL 2016

Delivered weekly lessons for two classes of 20+ students, leading term project groups through a real-world communications analysis. Rated by 100% of students as "enthusiastic" and **"an excellent instructor."**

Language Processing Lab, University of Calgary, Canada | *Full-Time Research Coordinator*
SEPTEMBER 2014 – AUGUST 2015

Managed concurrent research projects while quickly debugging and resolving critical errors in data collection. Cleaned and analyzed large datasets (over 100,000 entries); increased lab efficiency by establishing a new volunteer program. **Coauthored two published journal articles.**

University of Calgary, Canada | *Energy Literacy Content Developer for energyeducation.ca*
APRIL 2013 – APRIL 2014

Developed original content for a web start-up. Implemented basic formatting and coding solutions in wikitext/HTML and created instructional resources to support contributions by over **50 content writers**.

VOLUNTEER HIGHLIGHTS

Bachelor of Computer Science Club, Vancouver, Canada | *Events Volunteer*
OCTOBER 2021 – PRESENT
Works on a team to plan and organize social and career events for students in the BCS degree program.

Team Rocket Raids, Saskatoon, Canada | *Community Tech Admin*
JULY 2017 – MARCH 2019

Designed creative UX solutions for an online hobby community of over **2000 members**. Worked with domain specific languages of existing Discord bots to implement new custom behavior. Coordinated with a team of admins to moderate discussion channels and enforce community rules and guidelines.

Calgary Distress Centre, Calgary, Canada | *Crisis Line Responder*
MAY 2014 – JULY 2015

Fostered strong rapport by listening with careful intent and empathy to help clients in crisis feel heard.

Junior Achievement of Southern Alberta, Calgary, Canada | *Business Mentor*
OCTOBER 2011 – APRIL 2013

Worked in a team of three to guide two groups of 20-30 high school students through the process of creating, running, and liquidating a business, facilitating the success of both groups as **regional finalists**.