

Fahreen Chernezky

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www.linkedin.com/in/fahreen-chernezky

https://falu85.github.io/my_page

EDUCATION

Bachelor of Science in Computer Science | University of Calgary *December 2022*

Bachelor of Science in Nursing | University of Alberta *December 2006*

EXPERIENCE

Personal Portfolio (Work in progress)

https://falu85.github.io/my_page

- Template for main page made in **Figma**
- Using template, built the site by refactoring the **HTML** and **CSS** to make it readable and scalable

C-Movies: Movie Lovers Unite!
(Work in progress)

- Purpose: To create a single access point for movie goers to search and find all movies currently playing in Calgary (and surrounding area) theaters
- Proof of concept continues with the Landmark Cinema site scraped (using **Python**) for current movies playing
- Title information is then used to get more information on The Movie Database via their **API**. This information includes, movie poster, synopsis, release date, original language, run time, maturity rating, and trailer
- Currently learning **Next.js** to build an effective **web UI**

Rocky Mountain Embedded Design |
Calgary, Alberta

Software Developer

04/2022 - 08/2022

- Designed a scalable **PostgreSQL** database to receive & store data from a multitude of remote LTE connected devices
- Developed test scripts in **SQL** and **Rust** to benchmark database response time when querying against 1.5 million records. This ensures easy and quick access to searched data
- Wrote a web log-in in **Rust** using the **Axum Framework** for potential customers to use
- Employed **Keycloak** and **OpenID Connect (OAuth2)** for client access to database

Rocky Mountain Embedded Design |
Calgary, Alberta

Web and Firmware Developer

04/2021 - 08/2021

- Created a web user interface to sort and visualize **IoT** data and an interactive **Google Map** interface to search and locate active in-the-field IoT devices, written in **Svelte** with a **Rust** backend
- Implemented various new features and bug fixes in the IoT device firmware

Rocky Mountain Embedded Design |
Calgary, Alberta

Administrative Assistant

11/2020 - 02/2021

- Refactored the **CSS** and made significant updates the company's website design (<https://rmed.ca/>) using **CSS** and **HTML**
- Updates included adding **IoT**, and **Team** pages and updated **Gallery**, **Portfolio**, and **Services** pages.

Rocky Mountain Embedded Design |
Calgary, Alberta
Internship
04/2018 - 08/2018

- Created and contributed to software **documentation**
- **Tested firmware and hardware** using bed-of-nails test fixture for testing boards during manufacturing
- Wrote tests in **Python** along with necessary firmware written in C for the fixture and Unit Under Test (UUT)

Alberta Health Services |
Calgary, Alberta
Registered Nurse
12/2006 - 12/2017

- Worked in the field of pediatrics in various units
- Extensively used **problem-solving and effective communication skills** while working in both individual and team capacities.
- Created a new and efficient way to deliver Asthma Care Plans to patients of the Asthma clinic. This allowed our clinics to flow faster, **increasing** our patient contact time for education and answering questions.

SKILLS

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|---|---|--|
| <ul style="list-style-type: none">• Java• Python• Javascript• C• C#• SQL• Rust• Haskell• Prolog | <ul style="list-style-type: none">• Git• VS Code• Eclipse• Emacs• IntelliJ | <ul style="list-style-type: none">• Self Starter |
| <ul style="list-style-type: none">• HTML• CSS• Svelte• Next.js | <ul style="list-style-type: none">• Linux• Windows• Overleaf - LaTeX Editor | <ul style="list-style-type: none">• Project Coordination• Best Practice Implementation• Software Quality Assurance |
| | <ul style="list-style-type: none">• Agile Technologies:<ul style="list-style-type: none">◦ Jira◦ ClickUp - Kanban System | <ul style="list-style-type: none">• Code Refactoring• Embedded Systems Development• Application Development• Experience in Requirement Gathering• UI/UX experience |