

# Fahreen Chernezky

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[www.linkedin.com/in/fahreen-chernezky](https://www.linkedin.com/in/fahreen-chernezky) [https://falu85.github.io/my\\_page](https://falu85.github.io/my_page)

## EDUCATION

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

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

## EXPERIENCE

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Personal Portfolio (Work in progress)

[https://falu85.github.io/my\\_page](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.

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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)

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Alberta Health Services |  
Calgary, Alberta  
**Registered Nurse**  
01/2006 - 01/2017

- 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.

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## SKILLS

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