

# Alexander Kuntz

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## EDUCATION

### Campion College, University of Regina

Regina, SK

*Bachelor of Science, Computer Science*

*Expected Graduation: May 2025*

- GPA: 87.46

### Miller Comprehensive Catholic High School

Regina, SK

*Highschool Diploma*

*Sept. 2016 – July 2020*

- GPA: 99.41

## EXPERIENCE

### Software Developer, Innovative Solutions Specialist

Regina, SK

*SaskPower*

*Sept. 2024 – Dec. 2024*

- Developed Power Apps and Power Automate solutions using **Agile methodologies** for business needs via SharePoint
- Created a **procurement card requesting app** for web/mobile that was roughly **70%** faster than the previous iteration, **still used across the organization**
- Achieved such efficiencies by auto-filling application fields with **database-queried information** as well as automating the notifications sent to managers
- Facilitated **user acceptance testing**, **pair programming**, and **unit tests** with the business
- Tweaked multiple **.NET codebases** to squash various bugs

### Software Developer, Technical Assistant Advancing Technology

Regina, SK

*SaskTel*

*May 2024 – Aug. 2024*

- Developed a **search engine web app** that queries **1000+ cell towers** to help engineers find specific schematics **46% faster** via a Python script running on GitLab CI/CD Pipelines, **still used across the organization**
- Used Jinja2 templating to generate cell tower Excel Workbooks via **relational database queries**
- Removed **hundreds** of superfluous folders by compiling all the engineer's documentation onto one markdown webpage

### Business Analyst

Regina, SK

*Deloitte*

*May 2023 – Aug. 2023*

- Explored **generative AI solutions** and their applicability to various business models as research
- Consulted **Purolator** on IT architecture

### Business Analyst

Regina, SK

*Deloitte*

*May 2022 – Aug. 2022*

- Consulted **Honda** on IT solutions, attending multiple workshops with vendors spanning a week
- Completed IT audits for **Viterra**
- Competed in the **Cultivator 24-Hour hackathon** with the company, developed a prototype project with Angular.js, Node.js, Bootstrap CSS, HTML, and JavaScript that **won the People's Choice Award**

## PROJECTS

### Film Finder | *Python, Flask, React, Node.js, MongoDB, Next.js*

- Developed a full-stack web application using **machine learning models** and **keyword tokenization** to recommend films to a user based on searches
- Contributed **36 000** lines of code to the GitHub repo, collaborating development with 4 other software developers
- Backend database schema of nearly **100 000 movies** complete with titles, descriptions, posters, and ratings
- **REST API calls** to the Flask Python script to generate a list of movies a user should watch

## TECHNICAL SKILLS

**Languages:** Python, C++/C, Java, SQL (MS SQL Server), NoSQL (MongoDB), JavaScript, HTML/CSS

**Frameworks:** Next.js, React, Node.js, Tailwind CSS, Bootstrap CSS, .NET

**Developer Tools:** Git (GitHub/GitLab), Azure DevOps, Power Apps, Power Automate, SharePoint, VS Code, Visual Studio, Eclipse

**Libraries:** pandas, NumPy, XlsxWriter, Jinja2