

ZACHARIAH BLAIR

SOFTWARE ENGINEERING STUDENT

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PERSONAL SUMMARY

I am a Software Engineering student currently studying at the University of Calgary. I have a mind for problem solving and a love for invention. As a passionate learner I always strive for understanding rather than just completion, and I believe that quality is the best measure of success in all aspects of life.

SKILLS

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|------------|--------------------|----------------------------------|
| ✓ C/C++ | ✓ Javascript/React | ✓ Teamwork and Leadership |
| ✓ Java | ✓ SQL | ✓ Communication |
| ✓ Python | ✓ RISK-V | ✓ Problem Solving and Creativity |
| ✓ HTML/CSS | ✓ TI-Basic | ✓ Attention to Detail |

RELEVANT PROJECTS

School Projects

- **Volunteer Scheduling System (Java)** | Models the objective relationships and functionalities in a volunteer organization and uses algorithmic sorting to create a time efficient schedule
- **Notes App (React, AWS)** | Web application with highly functional user interface that connects to AWS to store user data, and implements the Google login API to handle privacy
- **Data Analysis / Machine Learning Program (Python)** | Developed a program that uses machine learning to predictively sort data from user tests into various groupings.

Personal Projects

- **Personal Website (HTML, CSS, Javascript)** | A website to show off my skills and personality
- **Sudoku Solver (Java)** | Created a command-line application to algorithmically solve sudokus

PROFESSIONAL EXPERIENCE

Audio/Visual Technician and Team Lead

St. Peter's Roman Catholic Church | August 2019 - Present

- Work with audio and video presentation technology to livestream funerals and weddings
- Lead and supervise a team of other employees and volunteers as head technician
- Collaborate with senior to fund new equipment, and coordinate repairs and rentals

EDUCATION

3rd Year Student | University of Calgary

Software Engineering Maj. Mechatronics Min.

Dean's List student with 3.95 GPA last semester

High School Diploma | St. John Choir Schola

Graduated as Valedictorian

95% Graduating Average