

Macayla Konig

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Software Engineering graduate from the University of Calgary with experience across analytics, operations, and public infrastructure. Strong foundation in engineering systems, data-driven problem solving, and technical planning. Known for reliability, clear communication, and performing well in high-responsibility environments. Seeking an Engineer-in-Training role.

I've built a personal portfolio to showcase my projects and experience: <https://macayla-portfolio.vercel.app/>

TECHNICAL SKILLS

Engineering & Systems

Engineering systems analysis

Embedded & real-time systems fundamentals

Operating systems & computer architecture

Networking fundamentals

Engineering economics

Ethics & professional practice

Data, Automation & Software

Python, Java, C/C++

SQL & relational databases

Data analysis & visualization

Alteryx, Power Automate

Software design & testing

Git & version control

Professional

Technical documentation

Planning & coordination

Stakeholder communication

Safety-conscious work practices

AWARDS & Professional Development

Indigenous Careers Award

Jason Lang Scholarship

APEGA Ethics Workshop

Iron Ring Ceremony

WORK EXPERIENCE

Global Affairs Canada (GAC) – Summit Management Office – FSWEP Student Hire

- Supported the organization of the 2025 G7 Summit as part of the SMO team.
- Assisted with logistics, coordination, and administrative tasks in a secure, high-level environment.
- Maintained professionalism and discretion while working full-time under enhanced clearance.
- Contributed to smooth summit preparations in a collaborative and fast-paced setting.

CIBC - Data Analytics Intern

- Analyzed data to improve segmentation strategies.
- Monitored and recommended improvements based on data analysis.
- Used tools like Alteryx and Power BI to optimize data processes.

Animal Rescue Foundation (ARF) of Alberta - Cat Shelter Volunteer

- Cared for cats by providing food, water, and medical attention when needed.
- Cleaned and sanitized the cat area to maintain a safe and healthy environment.
- Assisted with socializing and preparing cats for adoption.
- Worked independently, managing daily tasks while ensuring the well-being of the animals.

Kananaskis Country Golf Course - Server

- Kept the dining area clean and organized, ensuring tables were set and dishes cleared quickly.
- Created a welcoming atmosphere by being attentive to guests and staff.
- Anticipated guest needs and provided personalized service.

City of Airdrie - Parks Maintenance Worker

- Maintained public spaces through tasks like mowing, trimming, and litter removal.
- Ensured parks were clean, safe, and visually appealing.

Fossil Group - Sales Associate

- Guided customers to products, enhancing their shopping experience.
- Provided personalized service based on customer needs.