

# 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 – FSWEF 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.