Job Posting:167362 - Position: S25 Embedded Systems Engineering Coop 167362

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/03/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	02/24/2025 04:32 PM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	GlüxKind
City	Vancouver
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 Embedded Systems Engineering Coop 167362
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	8 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

Who we are:

We are a passionate and fun group of people, working hard to bring innovation to the baby industry. As two of our co founders became new parents the idea was born to innovate one essential piece of equipment - the baby stroller.

Bringing together Artificial Intelligence, Machine Learning, Mechanical and Electrical Engineering, Software Development and Product Design, Glüxkind offers a wide range of opportunities. Combining all these disciplines, our goal is to build an autonomous stroller that will keep babies safe, and in turn their parents happy.

We're looking for the brightest minds to join us on this incredible journey along the sidewalks of this world, in the pursuit of bringing safety to parents and their little ones.

What you'll be getting up to:

At Glüxkind, we really believe that a great team is everything, and our Robotics Engineers are an important part of our growing team; providing the right mix of team player and problem solver, and programming.

Our Engineers will be directly responsible for helping our AI/ML etc team to thrive and advance our technology through a mix of collaboration and independent work. Together we want to build a safer future for babies and achieve peace of mind for new parents.

A highly successful Coop student looks something like this:

- Excited to build a global success story with us, from the very beginning. Working for a start-up requires flexibility, resilience, and resourcefulness.
- You understand that people are everything. You're collaborative, optimistic and you listen to understand, demonstrating kindness and empathy in all interactions.
- You're not satisfied with "good enough" (just like parents when they are shopping for their newborns)

•You love to experiment, try new things, and drive improvements.
•It's not enough for you to know the what - you need to know the why! You are energized by challenging problems and are persistent/resourceful in your efforts to solve them.
•You are highly motivated, proactive, comfortable with change and ambiguity.
•You have a humble, team-player attitude and are ready to pitch in wherever you are needed most.
•You are well articulated, your phone/virtual and written presence conveys confidence and charm.

Job Requirements

Technical requirements:

• Must have successfully completed any 3 of these courses (or equivalent) cpen 432, 431, 412, 411, 333, 331, 322, 312, 311 | elec 442, 441, 433, 431, 421, 422, 402, 403, 331
•Must have successfully completed all these courses (or equivalent) elec 341, 321 and cpen 211
•Experience with Nvidia Jetpack SDK (L4T) and the Nvidia Jetson AGX/NX dev kit
•Experience designing and debugging PWM, Interrupts, CAN, I2C, SPI, and UARTs.
•Software development experience in C, Python, and scripting for drivers and diagnostics
•Experience working in diverse team settings combining mechanical, electrical and software engineering
•Ability to document design work and progress
•Interest in robotics and autonomous driving

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through UBC Science Co-op
Cover Letter Required? Yes
Address Cover Letter to Hiring Manager