

Job Posting:166414 - Position: S25 Product Engineer Intern 166414 E1

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/04/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	02/04/2025 10:46 AM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	Daanaa Resolution Inc.
Address Line 1	250-339 Railway Street,
City	Vancouver
Postal Code / Zip Code	V6A 1A4
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
 Job Title 	S25 Product Engineer Intern 166414 E1
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	8 months
Salary Currency	CAD
Salary	19.0 per hour for 0 Major List
Salary Range \$	\$19-22
Job Description	

Daanaa is a Vancouver-based fabless power electronics and semiconductor company on a mission to revolutionize power electronics in applications operating at and below 1,500 Volts (1.5 kV). The Company is in early commercialization stages of deep tech power conversion and control technologies, offering innovative solutions to OEMs in multiple industries, including solar energy, electric vehicles, and data centers.

Daanaa's value is derived from its transformative Power Transaction Unit (PTU) that consolidates power electronic functions-from bi-directional conversion and amplification to management, transfer, diagnostics, and control-onto a single, high-power-density, high-efficiency, low-profile, scalable, reliable, and safe module. At Daanaa, we are building a world of Energy Untethered™

As a Product Engineer Intern, your mission is to support product design, verification, and delivery. In this role you will be working with both our Product Management and Engineering teams, and will learn about how electronic products are designed, built, and tested. We are a small team - and you will be a full member of that team, with all the expectations and opportunities that come with that.

What you'll be doing:

- Circuit Debugging: Use your problem-solving skills to debug electronic circuits. Help propose, implement, and verify, solutions to issues that arise.
- Automated testing: Work with Sr. Engineers to create test infrastructure for new products. This includes test fixtures, developing in-depth knowledge of all required lab equipment, understanding test plans, automating the test set up, and then running the tests themselves.
- Product Characterization: You will run multiple test on a large population of boards, identify and find the root cause of any

variances to improve product performance, reliability and quality.

- Project Monitoring: You will learn how engineering development plans are put together, tracked, and how to address challenges along the way.

This 8 month internship starts May 2025 and ends in December 2025.

Why we're great to work with:

- We help each other succeed - we all have a part to play, and we know that our individual success influences company success. Daanaa is just as committed to your career growth as it is to achieve its own company growth. We see these as mutually inclusive.
- Our work environment is filled with high-quality, driven individuals where everyone is a dedicated, engaged, and accountable decision-maker.
- We love what we do and consider Daanaa a strong competitor for the all-around best start-up environment: creative, educational, challenging, and united towards the positive change that our tech can create.
- We're a diverse bunch! From our skillsets and expertise to the places that we have come from. Our expertise includes innovations in electrical and mechanical engineering disciplines, and a collection of business disciplines at varying experience levels. In our team of 20+, we speak 10+ languages and have lived in 40+ countries... seems crazy? Ask us!
- Daanaa workdays begin and end by our values: curiosity, trust, hungry, accountability.

Values:

- Curiosity: We are naturally curious people who believe that the answer to a question should be followed by asking "why?". Our office is often filled with enthusiastic discussions about the latest books, podcasts, or documentaries we consumed.
- Hunger: We joyfully choose to be here every day because we are driven with ambition by the difference we make.
- Accountability: We follow through, are precise about our aim, manage our resources wisely, bravely own our mistakes, and report honestly.

Trust: The foundation of our teamwork is trust. With trust, we communicate freely, have compassion for each other, and work and live with everyone's best interests at heart.

Job Requirements

You should apply if...

- You are currently pursuing a bachelor's degree in electrical engineering, computer engineering, mechatronics, or engineering physics.
- You have experience coding in Python. Bonus points if you've got C as well.
- You are a natural problem solver who is excited by being hands-on with electronic circuitry. You have strong communication skills. You value building your own understanding and the understanding of others and can communicate effectively within a team.
- You feel great when things are organized! You organize, document, and track things in an efficient and productive manner.

Daanaa is for you if:

- You value professional and personal growth at all levels of an organization.
- You are looking for internal advancement opportunities as a high-performing individual.
- You are looking to experience working in a fast-growth start-up in Vancouver's high-tech sector.
- You desire to work alongside a team of passionate and experienced team members.
- You have big goals. We aren't for the faint of heart.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Yes
Address Cover Letter to	Nicholas Fong