

Job Title: Business & Technology Analyst (Intern)

Company: Phaseshift Technologies

Location: Ontario / Hybrid

Type: Temporary Full-Time Internship (8 months)

Start Date: Flexible

About Phaseshift Technologies

Phaseshift Technologies uses artificial intelligence to design and deliver next-generation metal alloys that make industrial infrastructure more reliable, enable emerging technologies to scale and reduce reliance on scarce raw materials with risky supply chains. Our AI emulates the physics of materials, allowing us to discover entirely new alloys faster than traditional testing or simulation methods. Each alloy is qualified to industry standards and produced in partnership with manufacturers, delivering value directly to end users.

Position Overview

As a Business & Technology Analyst, you'll help Phaseshift turn testing results into clear business and technical insights. You'll collect and organize data from lab and pilot projects, analyze how our materials perform, and build financial models that show what that performance means for customers, like cost savings, efficiency gains, or reduced downtime.

Your work will produce tools and models that support pricing, scale-up plans, and investment decisions. These insights will also feed back into our AI platform to help the team design better materials and guide future R&D work.

This role is a good fit for someone who enjoys working with data, solving real problems, and connecting technical progress to business outcomes.

Key Responsibilities

1. Data and Performance Analysis

- Collect and organize data from lab tests and pilot projects.
- Compare results with existing materials to see how much better our new ones perform.
- Summarize findings in simple, clear formats that the team can use.

2. Modelling and Integration

- Work with the R&D team to turn raw test results into clean, usable datasets.
- Build simple models that connect performance results to business outcomes.
- Share these insights to help improve Phaseshift's AI tools and guide future materials development.

3. Financial and Value Analysis

- Create financial models that show how better performance translates into cost savings or efficiency gains.
- Run "what-if" scenarios to understand the impact of scaling up production or moving to field trials.
- Use the results to support internal planning and external business discussions.

4. Market and Commercial Planning

- Develop clear, fact-based pricing and adoption plans for new materials.
- Help create materials for partners and investors that explain the business case in plain terms.
- Support early go-to-market planning and pilot deployment strategy.

Qualifications

Education

- Recent graduate (within 3 years) with a focus in finance, strategy, or business analytics. Preference will be given to candidates with an MBA.
- Interest in how new technologies move from research to real-world use.

Experience and Skills

- Strong skills in financial modelling, data analysis, and market research.
- Able to connect technical results to business impact and clear economic outcomes.
- Comfortable working with numbers and turning data into simple insights.
- Clear communicator who can explain complex ideas in plain language.
- Experience or curiosity about manufacturing, AI tools, or industrial technologies is a plus but not required.

What You'll Gain

- Real experience turning R&D results into business value at a growing technology company.
- A close look at how AI and data are used to design and improve new materials.
- Direct mentorship from Phaseshift's leadership team, including the CEO and a CAMC-certified management advisor.
- Practical skills in financial modelling, pricing, and planning how new technologies reach the market.
- Exposure to project management, strategy, and working with industry partners.
- A chance to see how business, data, and technology come together to create real industrial impact.

Eligibility

This position is part of the OCI Talent Development Internship (TDI) Program. To qualify, applicants must meet the following requirements:

- Undergraduate level: Must have graduated from an accredited college or university within the past three years.
- Graduate level: Must have completed a master's degree from an accredited college or university within the past three years.
- Must be eligible to work in Ontario and be an Ontario resident for the duration of the internship.
- Cannot apply if currently enrolled in a co-op program or other job placement program.

More details can be found here: <https://www.oc-innovation.ca/wp-content/uploads/2024/05/CIT-Talent-Development-Internship-Program-Guidelines-April-2024-1.pdf>

Application Instructions

Please submit your resume and cover letter to hiring@phaseshift.ai explaining how your academic background and professional interests align with this opportunity.