

Production Team Intern – Pantheon 3DP

Location: In person @035D in the Bergeron Building, York University Keele Campus

Commitment: Part-time (flexible around academic schedule)

Eligibility: Open to domestic York University students only due to funding requirement

About Pantheon 3DP

Pantheon 3DP is a Toronto-based additive manufacturing startup specializing in high-quality production across multiple brands, including tabletop gaming, original product design, and custom printing solutions. Our in-house production facility leverages cutting-edge FDM and SLA technologies to deliver precision, consistency, and scalability. We are passionate about pushing the boundaries of 3D printing and developing innovative products that delight our customers worldwide.

About the Role

We're seeking a domestic York University student with a background or interest in engineering, manufacturing, or digital fabrication to join Pantheon 3DP as a Production Team Intern. This role provides hands-on experience in managing 3D printing operations and ensuring smooth production across all Pantheon brands. You'll work directly with our production team to learn best practices in slicing, printer operation, and workflow management in a fast-paced startup environment.

Key Responsibilities

- Assist with day-to-day production scheduling and fulfillment of orders.
- Prepare and optimize digital files for print using multiple slicing technologies (FDM and SLA).
- Support printer setup, calibration, and monitoring during production runs.
- Perform post-processing tasks (cleaning, curing, quality checks, and packaging) to maintain product standards.
- Document production processes, troubleshoot issues, and suggest improvements.
- Collaborate with team members to ensure deadlines and quality targets are met.

Qualifications

- Must be a domestic York University student currently enrolled in engineering, manufacturing, design, or a related program.
- Familiarity with 3D printing technologies (FDM and/or SLA) and slicing software (Orcaslicer, Prusaslicer, Lychee, Chitubox, etc.).

- Strong attention to detail and commitment to quality.
- Problem-solving mindset with an eagerness to learn new tools and techniques.
- Organized, reliable, and able to manage multiple tasks in a production environment.
- Prior hands-on experience with 3D printers is an asset, but not required.

What You'll Gain

- Hands-on experience managing a 3D printing production workflow.
- Exposure to professional slicing technologies and best practices in additive manufacturing.
- Skill development in quality control, troubleshooting, and efficient production planning.
- Mentorship from a team of makers and engineers passionate about 3D printing.
- An opportunity to contribute directly to a growing startup at the forefront of additive manufacturing.