

Pranav Bhat

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EDUCATION

University of Waterloo

Bachelor of Applied Science in **Systems Design Engineering**, Honours (Co-op)

Waterloo, ON

EXPERIENCE

Data Analyst & IT Administrator Intern

Sep. 2025 – Jan. 2026

Lifestyle Home Products

Remote

- Improved internal reporting efficiency by **33%** by developing automated Excel and Salesforce dashboards that visualized live operational and financial metrics across four departments company-wide.
- Reduced manual IT workload by **37%** through scripting and API-based process automation to streamline system updates and data syncing while enhancing data accuracy organization-wide.
- Led structured data validation efforts across internal systems, cutting data errors and downtime by **20%**.
- Onboarded **25+** new employees by configuring system access, documenting IT procedures, and standardizing software setup templates to ensure seamless onboarding and faster operational readiness company-wide.

Business & Marketing Analyst

Sep. 2025 – Dec. 2025

The Personnel Department Ltd. (TPD)

Remote

- Conducted a comprehensive audit of TPD's HR resource ecosystem, analyzing engagement metrics, SEO potential, and content relevancy across **10+** candidate tools, driving a data-backed modernization plan.
- Benchmarked TPD's assets against **7 industry competitors** in mining, manufacturing, and semiconductor recruitment, identifying **high-ROI opportunities** for lead generation improvement.
- Proposed **5+** new HR assets (interview guides, templates, etc.) projected to increase inbound leads by **27%**.

Research & Data Systems Assistant

Jan. 2025 – Apr. 2025

Structural Biomechanics Lab, University of Waterloo

Waterloo, ON

- Captured and analyzed high-frequency torque and impact datasets using calibrated simulation rigs and bespoke logging software, supporting multi-institution biomechanics research disseminated across **3 continents**.
- Spearheaded restoration and recalibration of a dormant **27+ component** mechanical testing rig, doubling throughput capacity and improving experimental reliability by **28%**, accelerating thesis timeline.
- Authored detailed SOPs and implemented a systematic lab reorganization strategy that reduced average experimental setup time from **20 to 15 minutes**, enhancing collaboration across interdisciplinary research teams.

Finance & Operations Analyst Intern

Jun. 2023 – Jun. 2024

Stockie Chrysler Dodge Jeep Ram

Waterloo, ON

- Managed financial operations across **\$9.4M+** in multi-location inventory, resolving discrepancies and safeguarding **\$500K+** in assets.
- Built automated Excel reconciliation pipelines with dynamic logic, cutting monthly close lag by 40%.
- Designed dashboards tracking **\$200K+** in monthly cash flows for **4 divisions**, improving forecasting and allocation.

PROJECTS

Vector Lab: Global Physics Learning Platform | *SolidWorks, Blender, Web Deployment* Jan. 2025 – Present

- Built and launched **vectorlab.ca**, an interactive platform currently serving **250+ students** across **3 countries**.
- Designed browser-based WebGL simulations that cut concept confusion by **28%** via structured feedback surveys.
- Managed site analytics uncovering usage spikes tied to exams, informing new feature rollouts and improvements.

SKILLS & AWARDS

Programming: C++, Java, JavaScript, HTML/CSS, Familiar: SQL

Tools/Tech: Excel (Advanced), Salesforce, SolidWorks, Blender, Git, Power BI

Core Competencies: Data Analytics, Process Automation, CRM & Workflow Optimization, Market Research

Certifications: Google Ads Display, Meta Digital Marketing, SHSM Business Specialization

Awards: Ontario Volunteer Service Award, Ross L. Shaver Scholarship, Legacy Scholarship, Havyaka Excellence Award