DAMIAN CHAN

INDUSTRIAL DESIGN STUDENT

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EDUCATION

Purdue University
Bachelor of Industrial Design
West Lafayette, IN
Expected 2028

SKILLS

CAD & 3D
Solidworks, Rhino 3D,
Fusion360, Blender

VISUALIZATION
Keyshot, Canva

ELECTRONICS
Kicad, Raspberry Pi

PROTOTYPING
3D printing, physical models

PRODUCTIVITY
Microsoft 365

INTERESTS

Hockey, golf , surfing, snowboarding

Photography and cinematography

Rocketry, RC airplanes

SUMMARY

Industrial design student focused on product development, CAD, and hands-on prototyping. Recent intern at Skatescribe designing pneumatic fixtures and laser housings for CNC skate-sharpening systems. Founder of Vanta Media, with five years of client-facing creative direction and campaign work that increased listing engagement by 83%.

EXPERIENCE

Industrial Product Design Intern
Apr - July 2026

Skatescribe Corporation

- Designed a pneumatic blade-clamping fixture that automated locking and positioning of hockey skate blades during CNC sharpening, improving workflow efficiency and repeatability.
- Designed a laser housing and pneumatic protective cover for the blade-scanning system, enabling accurate profile detection while shielding the laser during sharpening.
- Developed a retrofit blade guide so older blade geometries incompatible with the new fixture could still be accurately positioned and machined.

Founder & CEO
May 2021 - Sept 2026

Vanta Media Inc

- Built a personalized video marketing practice for real estate agents and led a team of five videographers and photographers producing listing content for 20+ clients.
- Increased property listing engagement by 83% through high-impact video content and a consistent production system tailored to each agent.
- Analyzed campaign performance metrics and delivered data-driven presentations that informed creative and distribution decisions.

Social Media Ambassador
Sep 2023 - 2025

Carleton University

- Produced social content promoting academic programs, student life, and campus events across Instagram, X, and Facebook.
- Collaborated with student creators to develop authentic content for current and prospective students.
- Contributed to a 26,000-follower increase in Carleton's social presence.

SELECTED PROJECTS

Cessna 172 Replacement Aircraft Concept
Interviewed student pilots and used their feedback to redesign the exterior and cockpit interior for improved visibility, reduced pilot workload, and a more intuitive flying experience.

AI Companion Robot
Designed and built a companion robot with a custom KiCad PCB, Raspberry Pi, and the ElevenLabs API to enable expressive movement, voice interaction, and responsive behavior.