

DAMIAN CHAN

INDUSTRIAL DESIGN STUDENT

CONTACT

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 [Portfolio](#)

SKILLS

Office 360, Solidworks, Rhino 3-D, Fusion
360, Keyshot, KiCad
Autodesk, Blender, Canva,

EDUCATION

Purdue University

Bachelor of Industrial Design

2026 - 2028

- A fully autonomous delivery drone was designed to navigate waypoint-based routes from point A to B with high precision. The system incorporates a swappable payload mechanism, enabling quick turnaround times and versatility across various delivery applications.
- A smart AI companion robot was developed using Eleven Labs Api as its intelligence core. The project involved designing a custom PCB in KiCad and programming a Raspberry Pi to power expressive movement, natural interaction, and responsive behavior.]
- Designed a remotely operated rescue watercraft to improve lifeguard response time in high-risk water conditions, using jet propulsion, stable flotation, and a durable hull.

References available upon request

Hobbies

- Remote Control Transportation Building and Design: (modeling designs in Autodesk, 3D printing components, and wiring electronics)
- Sports: (Hockey, Golf, Volleyball, Surfing , Snowboarding)
- Photography and Cinematography
- Social Media Content Creation
- Twitch Streaming
- 3D printing
- Building Rockets

CAREER OBJECTIVE

I am an industrial designer driven by product development, technology, creative problem-solving, and storytelling. My work combines hands-on design, prototyping, and visual communication to create products that are thoughtful, functional, and visually engaging. Through founding Vanta Media, I have also developed strong skills in creative direction, communication, leadership, and client collaboration, giving me a unique perspective on how design and storytelling can work together in fast-paced, forward-thinking environments.

PROFESSIONAL EXPERIENCE

Industrial Product Design Intern

Skatescribe Corporation

Aug 2022 - April 2023

- Focused on **selecting** and **testing** materials for blade fixtures to **minimize vibrations** transmitted to the blades during the sharpening process, ensuring greater precision and consistency when **CNC sharpening**
- Worked closely with their software developers to **enhance the UI/UX** of Skatescribe's blade sharpening machines, ensuring seamless customization and replication of blade profiles for users.
- **Performed FEA simulations** on fixtures and machine components to assess stress, vibration, and wear, ensuring durability and precision under real-world conditions.

CEO and Founder

Vanta Media Inc

May 2021 - Present

- Spearheaded the development of a personalized video marketing strategy for real estate agents, leading a team of five videographers and photographers to produce high-impact content that **increased** property listing **engagement by 83% for over 20 agents**.
- Optimized video marketing strategies by analyzing performance metrics and delivering data-driven presentations.
- Provided leadership and direction to the creative team, resulting in consistent production of engaging videos tailored to clients' needs.

Social Media Ambassador

Carleton University

Sep 2023 - 2025

- Created and produced engaging social media content to promote Carleton University's academic programs and campus life, enhancing the university's social media presence and reputation.
- Collaborated with a team of student content creators to develop authentic, relatable content that **resonates with current and prospective students**.
- Utilized social media platforms (Instagram, Twitter, Facebook, etc.) to increase engagement and awareness of Carleton's offerings, including student life, events, and unique opportunities helping Carleton gain **26,000 followers**.

Remax Hallmark Videographer

Remax Hallmark

April 2024 - April 2025

- Oversaw all video production for RE/MAX Hallmark's Toronto office, creating engaging real estate and branding content tailored for social media platforms.
- Filmed and edited property tours, agent features, and promotional videos, ensuring each aligned with the brand's tone and marketing goals.
- Managed a team of 3 crew members to coordinate efficient shoot days and maintain a high standard of quality across projects.
- Analyzed social media performance metrics to optimize content strategy and contribute to the brokerage's online growth and engagement.