

Ethan Angus

INDUSTRIAL DESIGN ENGINEER

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EDUCATION

Carleton University

Ottawa, Canada | 2022 - 2027

Bachelors of Industrial Design, Faculty of Design and Engineering

Delft University of Technology

Delft, Netherlands | 2025

Industrial Design Engineering, Exchange

TECHNICAL SKILLS

- + Solidworks
- + Keyshot
- + Illustrator
- + Photoshop
- + InDesign
- + Premier Pro
- + Procreate
- + Blender
- + Python
- + Figma
- + Canva
- + Wix
- + Microsoft Office
- + FDM and SLA Printing
- + Product Testing
- + Stress Simulation
- + Mechanical Design
- + PDM
- + Project Management
- + Woodworking
- + Metalworking
- + Electronics
- + Vibe Coding
- + Clay Sculpting
- + Hand Sketching
- + Hand Rendering
- + Human Factors
- + User Research

AWARDS

Purvins Memorial Award

Carleton University | 2026

Awarded to my project "SuggestoRR". Granted to one Carleton Industrial Design student annually for the creative application of technology and materials.

Dean's Honour List - High Distinction Standing

Carleton University | 2022-2026

Awarded to students with a CGPA exceeding 10.4/12.0.

Maximum Entrance Scholarship

Carleton University | 2022-2026

Awarded to students with > 95% highschool average, sustained with a CGPA > 10.0

SOFT SKILLS

- + Strong communicator and enthusiastic team player practiced in leadership roles.
- + Calm and focused during busy situations
- + Organized and detail oriented, methodical
- + Driven, curious, hardworking
- + Takes initiative, thinks before asking for help

EXPERIENCE

R&D Intern @ DW Healthcare Partners

Toronto, Canada | April 2026 - August 2026

Assisting with the growth and development of DW's holding, SoClean in New Hampshire, US. Designing their next CPAP sanitization device. Improving human factors for the current product servicing tools. Producing fixtures for mass product reworking. Optimizing for servicability. Maximizing ROI. Key softwares: Solidworks, Cinema4D, Fusion, FDM Slicers, Preform.

ID Engineering Intern @ Spark Design and Innovation

Rotterdam, Netherlands | June 2025 - October 2025

Proactively contributed to 8+ medical and robotic products. Planned and executed concept comparison testing. Prior test results precision and accuracy improved up to 180%. Presented results which determined conclusive design direction. Conceptualized an efficient, modular industrial system architecture for product integration. Rapidly iterated mechanical and static prototypes resulting in improved mechanical properties and ease-of-use. Created and finalized marketing renders. Engaged in brainstorming and client meetings with project teams. Key softwares: SolidWorks, Adobe Illustrator, KeyShot, Excel, Bambu, PowerPoint.

CAD Drafter @ Huronia Machining Services

Orillia, Ontario | May 2024 - August 2024

Executed contract work for companies including Honda and Daifuku. Translated detailed technical drawings to 3D models and vice versa, with appropriate tolerances for CNC machining. Created fabrication drawings for assembly, welding, cutting, and bending with datum mapping. Quoted and placed orders and recommended design alterations within manufacturing constraints in collaboration with machinists and management. Operated CNC machines and welded directly to sharpen drafting instincts from the floor up. Key softwares: SolidWorks, AutoCAD, and Excel.

CERTIFICATIONS

- 2025-07-01 CSWA (SOLIDWORKS CAD Design Associate)
- 2025-07-01 CSWP (SOLIDWORKS Professional Sample Exam)
- 2025-01-04 IDEO AI x Design Thinking Workshop Series
- 2022-04-02 BASI 1&2 Ski Instructor | Zermatt, Switzerland
Lifesaving Society ID: ANEC1W
- 2023-07-27 LS Bronze Examiner
- 2025-04-09 LS Emergency First-Aid Instructor
- 2023-06-28 LS National Lifeguard Examiner

EXTRA-CURRICULARS

- + Vice President of External Relations | Carleton ID Student Association (CISDA) | 2023 - 2024
- + Hockey, skiing, fitness, 3D printing, reading
- + Hiking/camping (Dolomites, Lake Superior, BC, Zion)
- + Backpacking (Eastern Europe, Croatia, UK)