

Education

Bachelors of Industrial Design (BID)

Kean University-Union,NJ

-Robert Busch Full Scholar Recipient

-Cumalitive GPA- 3.5

Work Experience

Product Development Engineer

Knight ATV — Tinton Falls, NJ

Jan 2024 – Present

- Design and develop accessories for ATVs, side-by-sides, and golf carts, ensuring consistency with brand design language and existing product line.
- Lead concept ideation, CAD development, prototyping, and functional testing to bring new products from concept to market
- Create detailed assembly instructions and documentation to support efficient in-house production and quality control
- Operate and manage an industrial 3D-printing fleet, producing end-use and production-ready components for consumer sale
- Collaborate closely with assembly, engineering, and operations teams to support manufacturing and product launches
- Communicate with overseas manufacturers, assist with supplier sourcing, and support transition from prototype to production
- Tools & Skills: Autodesk Fusion 360, CAD, prototyping, 3D printing, product testing, supplier communication

Aloha Golf Cart Accesories(Etsy)

Chris Palangio Design- Manasquan NJ

May 2025 – Present

- Designed and produced aftermarket golf cart accessories using CAD and additive manufacturing
- Prototyped and validated product fitment on real vehicles through iterative design improvements
- Optimized parts for strength, material efficiency, and repeatable small-batch production
- Conducted material testing to balance durability, performance, and cost efficiency

Freelance Industrial Designer

Chris Palangio Design- Manasquan NJ

May 2023 – Present

- Provide conceptual design and product development support for clients across consumer and functional product categories
- Translate early ideas into refined CAD models, prototypes, and visual concepts
- Support clients with form development, manufacturability considerations, and iterative design refinement

3D Designer

JMP Wood — Linden, NJ

Oct 2023 – Jan 2024

- Created high-quality 3D models and rendered visuals for website, marketing, and brand storytelling
- Designed digital assets and advertisements for social media and online campaigns
- Collaborated with internal teams to develop new product concepts, supporting innovation and brand growth
- Tools & Skills: CAD, Fusion 360, rendering, visual storytelling, concept development

Skills

Physical Prototyping
Concept Development
Problem Solving
Design Storytelling
Time Management
Clear Communication
Creative Ideation
Design for Manufacturing
3D Printing
3D Scanning
Laser Cutting
Woodshop Tools

Softwares

Fusion 360
Solidworks
Keyshot 11
Adobe Illustrator
Office 365
Sketchbook Pro
Einscan HX Scan

AI Prompt

Dall-E 2
Mid-Journey AI
Chat GPT
Google Gemini

Interests

Vehicle Modification
Product Experience
Lighting Design
Sustainable Materials
Digital Fabrication
Material Exploration
Woodworking
Coffee Culture