

黄家霖 CARSTEN

工业设计师



基本信息

地区: 广州 / 洛杉矶

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作品网站: carstenhuang.com

教育背景

理学学位: 产品设计专业 / 2022.09 – 2026.12

ArtCenter College of Design (艺术中心设计学院) / 帕萨迪纳, 加利福尼亚州

工作经历

课程助教: 3D 建模 2 / 2025.01 – 2025.04 / ArtCenter College of Design

- 指导学生使用 SolidWorks 进行 3D 曲面建模
- 帮助将草图转化为可制造的数字模型

课程助教: 设计基础 2 / 2025.01 – 2025.04 / ArtCenter College of Design

- 协助学生使用 InDesign 进行字体排印、版式设计的练习

语言能力

中文 / 英文 / 粤语

兴趣爱好

游戏爱好者, 汽车爱好者, 卡丁车, 音乐, 旅行

项目经验

B&O 全自动咖啡机设计 / 产品设计 4 课程 / 2024.09 – 2024.12 / ArtCenter College of Design

- 以 Bang & Olufsen 品牌语言设计高端全自动咖啡机, 涵盖前期构想到概念成品的完整流程
- 以人为本为中心, 探索人体工程学设计, 模块化设计, 可持续的设计和 CMF 策略

手部障碍的辅助刀具设计 / 产品设计 3 课程 / 2023.09 – 2023.12 / ArtCenter College of Design

- 基于大量阅读研究、访谈、市场调研、实地观察与人体工学分析, 开发为手部缺陷人群的刀具辅助工具
- 聚焦包容性设计原则, 适用于但不限于手部活动受限人群的通用型辅助刀具
- 通过打样优化迭代产品外形与握持功能和使用舒适度

专业能力

建模渲染: SolidWorks, Keyshot, Rhino

平面表现: InDesign, Illustrator, Photoshop, Premiere, Procreate, GoodNotes

团队协作: Miro, Figma, Discord, Slack, Zoom, Skype

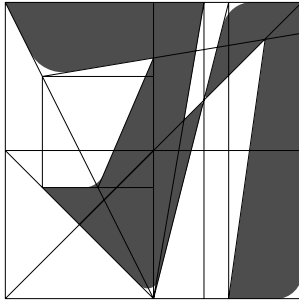
办公工具: Word, Excel, PowerPoint, Google Docs, Sheets, Slides, Drive, Gmail

社交媒体: Pinterest, Behance, LinkedIn, Instagram, WeChat, Facebook, X

操作设备: 带锯, 台锯, 立钻, 手钻, 木工车床, 手动铣床, 木铣桌, 喷漆枪, 缝纫机, 真空成型机, 打磨机

工艺知识: 3D 打印, CNC, 压铸, 超塑, 旋压, 冲压, 锻造, 注塑, 激光切割, 辊压, 熔模, 焊接, 紧固件规格

设计能力: 用户体验与调研, 用户画像建立, 竞品分析, 创意发散, 草图绘制, 设计迭代, 产品开发, 可持续性策略, CMF, 原型制作, 装配流程, 品牌策略, 市场策略, 版面设计, 字体排印, 视觉呈现



CONTACT

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EDUCATION

Bachelor of Science:
Product Design / 2022–2026
ArtCenter College of Design

EXPERIENCE

Teacher Assistant for 3D
Modeling 2/Jan–Apr 2025

Teacher Assistant for Design
Fundamentals 2/Jan–Apr 2025

LANGUAGES

Chinese/English/Cantonese

INTERESTS

Gaming enthusiast, Karting,
Music, Passion for cars and
driving, Traveling.

JIALIN (CARSTEN) HUANG

INDUSTRIAL DESIGNER

FEATURE PROJECTS

B&O Automatic Coffee Machine

Product Design 4, Sept–Dec 2024

Designed an automatic espresso machine for B&O, focusing on high-quality aesthetics and functionality and integrated userfriendly features like multi-user preference memory, modular components, remote control and the scheduling mode. The design follows sustainability trends by offering diverse CMF options, realtime capacity monitoring, and easy maintenance via an app.

Adaptive Knife for Hand Disabilities

Product Design 3, Sept–Dec 2023

Designed a knife assistance tool for individuals with hand disabilities to improve ease of use. The research included interviews, books, market analysis, and field visits. The final design follows inclusive principles, makes it accessible to all users.

Concept Formula Drone

3D Modeling 2, Sept–Dec 2023

Advance SolidWorks Project. Focused on smooth, flowing lines and aerodynamics to design a high-performance concept drone. Developed a precise 3D model, refining the form for optimal airflow and visual coherence.

SKILLS

3D Modeling: Keyshot, Rhino, Solidworks.

Apple: Goodnotes, Procreate

Adobe: Acrobat, Illustrator, InDesign, Photoshop, Premiere

Communication: Discord, Figma, Miro, Skype, Slack, Zoom.

Design: Assembly process, Branding, CMF, Competitive Analysis, Design iteration, Ideation, Layout, Marketing, Persona, Product Development, Prototyping, Sketch, Sustainability, Typography, Visualization, User Experience & Research

Fabrication: 3D Printing, CNC, Die Casting, Forging, Injection Molding, Laser Cutting, Surface Finishing, Vacuum Forming.

Google: Docs, Drive, Gmail, Sheets, Slides

Microsoft: Excel, Outlook, PowerPoint, Word

Social: Behance, Facebook, Instagram, LinkedIn, Pinterest, X, WeChat

Tools: Band Saw, Hand Drill, Drill Press, Lathe, Mill, Router, Sewing Machine, Spray Gun, Table Saw

Website: Wix, Wix Studio