

chris cooley

design + engineering

portfolio	cooleychris.com	cooleyck@mail.uc.edu, (513) 313-7313
education	University of Cincinnati College of Design, Architecture, Art, & Planning Master of Design April 2024 (GPA 3.9/4)	College of Engineering & Applied Science Bachelor of Science in Mechanical Engineering Minor in Materials Engineering, 2022 (GPA 3.6/4)
experience	University of Cincinnati Multiple Roles Graduate Assistant (2022-present) <ul style="list-style-type: none">Coordinated & contributed to an interdisciplinary team across fashion & engineeringWorked under grant funding to hit goals in a tight schedule Maker Technician (2023) <ul style="list-style-type: none">Assisted students' projects in DAAP's Rapid Prototyping Center utilizing laser cutters, 3D printers, & a machining centerDesigned demonstration display pieces for materiality/geometry Boeing Design Studio Contributor (2022) <ul style="list-style-type: none">Researched through trend forecasting, persona analysis, primary interviews, & more to develop new concepts which were then presented to BoeingSelected for Boeing patent & entered the Crystal Cabin Award competition Queen City Riverboats Deckhand (2022-2023) <ul style="list-style-type: none">Managed a riverboat with up to 250 people onboard, including serving, docking, cleaning, & upholding safety standardsServiced 3 riverboats undergoing constant general maintenance Kyocera-Senco Multiple Roles Sustaining Department (2021) <ul style="list-style-type: none">Investigated root cause issues, set action plans, maintained projects through to resolutionBuilt large-scale assembly cells, including several unique fixtures & a lasering stationRedesigned product line to surpass industry competitors Research & Development (2020-2021) <ul style="list-style-type: none">Drafted production parts, consulted on design ideas, presented reports, maintained mechanical tests, performed analysisHeaded a new product design projectPerformed exhaustive testing, including the development of new testing equipment Valco Melton Manufacturing (2019) <ul style="list-style-type: none">Supported & streamlined quality, machine shop, assembly zone, & shipping departmentsDesigned & implemented an electronics potting station	
recognition	Dean's List 2017-2023, Cincinnatus Scholarship 2017-2022, Graduate Scholarship Award 2022-2024, Boeing Patent "Adaptable Toilet System & Method," Crystal Cabin Award Applicant 2024	
involvement	UC Esports, EnableUC, CleanUpCincy, Intramural soccer & wiffle ball	
skills	Design research, design for manufacturing, 3D printing, machining, casting, lasering, plastic injection molding, casting, bending/stamping	Solidworks, NX, Rhino, Fusion 360, Illustrator, MATLAB, Microsoft Office Suite
availability	Seeking a full-time creative product design position	