ae | andrewelcock

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OBJECTIVE

Recent graduate with degrees in Industrial Design (BS) and Information Systems (MS) with freelance product design experience seeking an Industrial Design position in an environment that will utilize my passion for design and creating functional cutting edge products. Fast learner with a strong work ethic, collaboration and time management skills honed from 5 years as an NCAA division 1 athlete. Loves to solve complex problems with simple solutions, and design a variety of products for users of all ages.

EXPERIENCE

06/2023 - Current

Freelance Wordpress Website Designer for Private Independent Client - Havertown, PA
Industry: Credit Repair
Prototyping and creating company website using Axure RP 10 for prototyping and
Wordpress for website creation.

02/2023 - Current

Freelance Industrial Designer / Assistant App Developer for Private Startup - Havertown, PA
Industry: Medical Device
Industrial design: Utilizing sketching (traditional and Sketchbook Pro), 3D modeling, rendering, and 3D printing to design and develop the hardware layout and injection mold friendly housing for patent-pending technology.
Assistant App Developer: Assisting senior app developer to prototype and code a mobile application to interact with the patent-pending technology through AWS. The application is being built with .NET Maui and was prototyped with Axure RP 10.
Project under NDA

01/2021 - 01/2022

Freelance Product Designer for Great Faith Vision - Havertown, PA
Industry: Medical Device
Moved an idea to field use. Designed and developed the "Lens Frame" through sketching, 3D modeling, 3D printing, and basic metal working. This system has been shipped globally and is currently in use in 5 countries.

08/2020 - 12/2022

Freelance Product Designer for Private Independent Client - Havertown, PA
Industry: Baby Care
Created drawings and renderings for a patent application. Later rehired to redesign the product for injection molding. Used client's sketches and reference pictures to produce a manufacturing-ready package through sketching, 3D modeling and 3D printing.
Project under NDA

05/2020 - 07/2020

Program Participant, Venturelink at NJIT - Newark, NJ
Participated in an invitation-only virtual startup incubator. Worked toward moving an original prototype into a marketable product through workshops, collaboration, network building, peer reviews, and more. Completed customer discovery, market analysis, sales/marketing strategies, and manufacturing analysis.

07/2018 - 08/2018

Camp Counselor, Camp Sankanac - Spring City, PA
Fulfilled supervisory responsibilities and mentoring for boys aged 7-16 with the aim of providing a healthy, safe, enjoyable camp experience at a residential summer camp. Planned and taught a variety of electives and worked as part of a team to reach camp objectives.

EDUCATION AND TRAINING

05/2022 - 05/2023   **Master of Science: Information Systems** - New Jersey Institute of Technology - Newark, NJ
Member of the NCAA division 1 baseball team
3.950 GPA

09/2018 - 05/2022   **Bachelor of Science: Industrial Design** - New Jersey Institute of Technology - Newark, NJ
Minor in Innovation and Entrepreneurship
Member of the NCAA division 1 baseball team
Magna Cum Laude - 3.852 GPA
NJIT Student-Athlete Advisory Committee representative
Invite-only member of VentureLink
Industrial Designers Society of America member
NJIT Entrepreneur Society Member
Guest Panelist on the Teen Think Tank Project racial inequality panel March 2021

HONORS, AWARDS, AND CERTIFICATIONS

NJIT Industrial Designer of Distinction Award Recipient
Certified Solidworks Associate
Hillier College of Architecture + Design Award for Academic Achievement
Dean's List Honoree Fall 2018 - Spring 2023
CSC Academic All District Team Honoree
America East Conference Elite 18 Award Recipient
Chi Alpha Sigma Honors Society Inductee
Atlantic Sun Conference Academic Honor Roll 2019 - 2020

SKILLS

Solidworks	Rapid Prototyping
Fusion 360	3D Printing
Adobe Photoshop, Illustrator, Premiere Pro	Python
Sketching, 3D Rendering, Keyshot	SQL
Axure RP 10	WordPress