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Objective: To obtain a product design or management role in a technology company related to aerospace, robotics, human performance, or commercial software applications.

Education: Bachelors of Arts, Industrial and Innovative Design, Minor in Graphic Design, Cedarville University, Grad: May 2017

Project Experience: _____

May 2021 - Present

Astrobotic CP-11 NASA Task Order Submission

- Lead Visual Designer responsible for product rendering, 100+ scientific figures, and overall composition of the NASA proposal submission.
- Collaborating with engineering SMEs, business development team, and senior leadership to develop a strong visual story and successful mission plan for a next generation lunar lander.
- Project managed all elements of the design process from conception to final deliverables. Managed several simultaneous deadlines and release timelines, and the associated scheduling with team members.
- Built a strong and repeatable design system to be leveraged for future task order projects.

Astrobotic CP-12 NASA Task Order Submission

- Lead Visual Designer responsible for product rendering, 100+ scientific figures, and overall composition of the NASA proposal submission.
- Developed an edit tracking system to field requests from a wide variety of team members.
- Integrated industrial design CAD modeling, sculpting, and rendering to the business development team using SolidWorks Visualize, SolidWorks, and Blender.
- Responsibilities also included all the same elements in the above CP-11 NASA Task Order Submission.

Astrobotic Tipping Point Cube Rover Solicitations

- Visual Designer collaborating with Engineering Design, Team Leads, and Senior Leadership to develop NASA SBIR Phase I and Phase II Tipping Point Proposals.
- Developed proprietary technology to execute lunar roving systems via the Astrobotic Cube Rover platform. Conceptualized deployable solar solutions to integrate with CubeRover to produce a commercial power solution for the development of a long term lunar power grid.

Astrobotic LTV Rover Development

- Lead industrial design concepts for a new age Apollo style Lunar Terrain Vehicle.
- Collaborated with Lunar Surface Systems engineering staff and team leads to understand a variety of use cases and recommend potential configurations for the new vehicle platform.
- Presented concepts to the product team and senior leadership to iterate and improve towards a final design.

Astrobotic Space Robotics Product Commercialization Strategy

- Assisted team leads and engineering experts in the commercialization and business strategy of space robotic sensing systems for satellite scanning, RPOD (rendezvous, proximity, operations, docking), EDL (entry, descent, landing) with the intention of generating commercial revenue through sales to other commercial space companies.

October 2018 - Present

POSE Fitness Startup - Leadership and Product Build

- Cofounded, recruited, and currently lead a team of 7 individuals with cross functional skills including engineering, design, marketing, finance, sales, and strength and conditioning.
- Created and bootstrapped a from scratch fitness form tracking mobile app using product design expertise that reduces musculoskeletal injury and increases progress for athletes, soldiers, and trainers.
- Manage a pipeline of business relationships to pitch the POSE product and generate funding for the business.

CellarBuilder Wine App UX/UI

- Lead designer on a private wine club app called CellarBuilder.
- Took product from conception to functional user interface while collaborating with engineering and founder of the club.

Work Experience: _____

Designer - Brand, Graphic, Product | Astrobotic Technology | Pittsburgh, PA | May 2021- Present

- Generated a reusable design system for company brand, proposal figures, and other visual elements that could be accessed and used by the whole company.
- Developed filing system called "Astrobotic Digital Assets" to house all visual resources for branding, design projects, photo and video documentation, presentations, websites, etc.
- Owned creative CAD files Astrobotic product lines and produced render ready files and renderings.

Relationship Manager, Lead Generator | Truefit | Pittsburgh, PA | May 2012 - May 2021

- Owned and operated a pipeline of prospects from introductions and first time appointments through contract closing.
- Managed book of contacts using Salesforce, ZoomInfo, Hunter.io, and other sales tools.
- Trained and became certified under the Sandler Sales Training Program.

Contract Designer | Andocia Creative Agency | Remote | May 2020 - April 2022

- Worked with a broad range of clients to develop brands that connected with customers.

Innovation Designer | Wabtec Corporation | Pittsburgh, PA | August 2017 - July 2018

- Led research and development around advanced product concepts for the rail industry in partnership with the Director of Intellectual Property.
- Submitted 24 Patent concepts, 2 of which were awarded provisional patent status, one of which was awarded a full patent.
- Developed an Innovation Training video series that was showcased to the top 200 company leaders at the Annual Wabtec Leadership Summit.

Key Skill Sets: _____

- **Design Practices:** UX/UI Design, Industrial Design, Product Design, Graphic Design, User Research, Prototyping, Storytelling, CMF Design, Branding, Content, Business Strategy, Presentation.
- **Design Tools:** Figma, Sketch, Adobe Creative Suite, Adobe Illustrator, Adobe Indesign, Adobe Photoshop, Lightroom, Hand Rendering, Procreate.
- **CAD Software:** Blender, SolidWorks, Solidworks Visualize, Keyshot.
- **Design Process:** User/Customer Research, Qualitative Research, Quantitative Research, Ideation, Prototyping, Iteration, Refinement, Finalization, Presentation.
- **Creative Skill Sets:** Photography, Videography, Editing, Creative Direction, Brand Development and Management.
- **Sales Skills:** Lead Generation, Customer Relations, Account Management, Proposal Development, Product Pitching.