

**ROGER ABATHAN**  
**UI/UX Designer**

Denver, Co 80249 / 17204005398 / [abathanroger@gmail.com](mailto:abathanroger@gmail.com) / [roger ABATHAN | LinkedIn](#)

**Portfolio:** [HOME](#) | [Rogerfrejus](#)

### Professional Summary

Innovative designer with an engineering background, offering over five years of experience in Industrial design and three years in engineering. Proficient in design process, user experience, user interface design, computer-aided design, drafting, manufacturing production and customer relations. Recognized for a multi-disciplinary approach to problem-solving and a strong passion for design, demonstrated through successful inventions and custom-made products. Skilled in applying diverse methods to achieve creative and efficient solutions.

### Skills

User research (Skillful) - Prototyping (Experienced) - Design System (Skillful) - Design Process (Experienced) - 3D Printing (Experienced)

### Languages

English (Proficient) - French (Proficient)

### Employment History

**UI/UX Design Trainee, Springboard**

**Jun 2024 – Present, Remote**

I contributed to a group project for Emprint Lab- a company dedicated to improve workplace communication through a structured platform- as an intern. We audited existing platform to identify areas of improvements and took upon the task of conducting research for current AI technologies and developed a solution with AI as part of it for meetings moderation and note taking . I also built Vibo, a mobile podcast app with a freemium option which was transitioned to a monthly subscription model with premium features such as ads free contents, podcast sharing, group watch, offline content download and content creation. Also developed a UI solution to streamline guest inquiries and enhance user experience in the hospitality industry such as room finding with GPS navigation, access to information, tv troubleshooting, HVAC thermostat and light control, Internet issues, and AI assistance with guest inquiries. Also conceptualized and built an e-commerce store for decorative items with preview features and Augmented Reality where the user has a clear preview of what the item will look like in his/her space before purchasing. This project was done using the Google Venture (GV) design sprint as an agile process to create a minimum viable product (MVP) in just 5 days.

- Conducted in-depth research on guest issues, translating findings into actionable insights for improved user satisfaction and engagement.
- Applied user-centric design methodologies, leveraging Affinity and Empathy maps to define Jobs To Be Done
- Developed comprehensive sitemaps and user flows, ensuring intuitive navigation and measurably

enhancing overall user experience.

- Created iterative wireframes and prototypes based on stakeholder feedback, optimizing design efficiency and fostering creativity.
- Developed an interactive prototype demonstrating user interaction with the interface and showcasing core functionalities, utilizing Figma to create seamless transitions and intuitive user flows.

**NB: Projects are shared in portfolio. Please refer to website link for portfolio to learn more**

**Founder, 3dprintandesign**

**May 2022 – Present, Den CO**

Implemented sustainable 3D printing solutions, revolutionizing product lifecycles, reducing environmental impact, and cutting production costs for small businesses

- Developed and implemented cost-effective solutions for malfunctioning door locks, by redesigning and 3D printed door lock gears and reducing expenses related to broken gears and obsolete parts.
- Enhanced structure and durability of outdated HVAC grids with advanced 3D printing techniques, addressing issues with cracked and discontinued parts.
- Engineered and produced 3d printed custom gaskets to resolve a persistent air leak issue, providing a practical solution where none existed previously.

Projects can be viewed on the business website / Instagram page

Link to the business website: <https://www.3dprintandesign.com> Instagram: @3dprintandesign

**Engineer, Marriott**

**Sep 2021 – Present, Den CO**

- Manage emergency situations ensuring guest and associate safety through prompt and professional responses.
- Conduct inspections and maintenance of HVAC, lighting, electrical systems, elevators, and fire prevention systems.
- Perform repairs and replacements for defective equipment, including HVAC motors, light fixtures, TVs, doors, and fob readers, etc
- Fulfill guests' requests promptly, ensuring their expectations are met

**Co-founder/Industrial Designer, Bossdefrost**

**Jan 2018 – Jul 2021, Den CO**

Spearheaded design of eco-friendly defrosting solution, revolutionizing industrial kitchen efficiency while drastically reducing water consumption.

- Conducted comprehensive analysis of existing thawing methods, identifying key areas for improvement and developed an eco- friendly alternative.
- Designed and sketched an apparatus that mimics the cold-water thawing method, incorporating a recirculation system for the initial water
- Secured NSF certification by refining design, ensuring food safety compliance, communicating updates, corrections, detailed manufacturing methods and materials selection until certification

requirements were met.

- Partnered with legal experts to secure patent protection, providing comprehensive design documentation and technical specifications.

## Education

**Metropolitan State University of Denver** Jan 2015 – Sep 2021, Den CO  
Bachelor of science Industrial Design

**Regional Institute of Industrial Eng Biotech & Applied Science** Jan 2007 – Oct 2011, Benin  
Bachelor of science Industrial Engineering

## Certificate

**Thedesignership.com** Jan 2023 – Jul 2023, Syd AU  
Figma Masterclass Certificate

**American Hotel & Lodging Educational Institute** Feb 2024 – Mar 2024, Den CO  
CHLA Supervisory Certificate

**Springboard** June 2024 – Dec 2024, Den, Co  
UI/UX Design Career Track Certificate

**Marriott International** Dec 2024 – Current, Den, Co  
Elevate By Marriott