ROHAN PINTO

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EDUCATION

MASTERS IN HUMAN-COMPUTER INTERACTION DESIGN   **MAY 2024**
Indiana University Bloomington   Bloomington, IN

BACHELORS IN ELECTRICAL AND ELECTRONICS ENGINEERING   **JUN 2019**
Ramaiah Institute of Technology   Bangalore, India

PROFESSIONAL EXPERIENCE

UX DESIGN INTERN   **JUN 2023 – SEP 2023**
Spaero Bio   San Francisco, CA

- Revamped the MVP version of the product, aligning the process of experiment method creation for automated liquid handling with the scientist's mental model, resulting in a **hypothesized time-saving** and **reduction in errors**.
- Achieved a notable **~38% increase in customer satisfaction**, measured by user testing, by designing the experiment simulation and debugging features from the ground up for the MVP version of the product.
- Collaborated closely with the product manager, automation engineer, and design lead to **prioritize feature development for version 1.0** of the product through a collation of UX research with past market research.

UX DESIGNER   **SEP 2022 – MAY 2023**
Indiana Daily Student   Bloomington, IN

- Spearheaded the development of user-centric responsive web designs for the IDS Black Voices media website, crafting a comprehensive **design system** and **information architecture** informed by **heuristic analysis** and **expert interviews**.
- Achieved seamless cross-platform consistency by producing **15+ wireframes** and **high-fidelity designs** optimized for desktop, mobile, and tablet interfaces.

DESIGN ENGINEER   **JUL 2019 – APR 2022**
Hitachi Energy   Chennai, India

- Accomplished a **30% reduction in rework time** by consolidating the entire company product portfolio under one umbrella through collaboration with global product teams, thereby **streamlining organization and engineering efficiency**.
- Developed and implemented a market and competitor analysis tool, ensuring real-time and **accurate market reports** for **global marketing and sales** teams.
- Established a **centralized source of truth documentation** for product and engineering teams, collaborating with global product management teams to **ensure consistency** across teams.

PROJECTS

ENHANCING THE FEEBACK EXPERIENCE OF PROACTIVE INTERACTIONS WITH AMAZON ALEXA

- Designed and prototyped **conversational interfaces** enabling Alexa to **seamlessly gather feedback on** proactive experiences, aiming to **increase relevance and reduce misinterpretations**.
- Evaluated new feedback mechanisms through **usability testing**, optimizing interactions to **boost user adoption** and **satisfaction** with personalized proactive content.

PATENTS

TREE CLIMBER DEVICE FOR HARVESTING FRUIT [Patent Pending]   **INDIA, 2023**
Championed the development of a novel, modular tree-climber robot utilizing a planetary gear system, resulting in significant **time and cost savings** during fruit harvesting, while **minimizing human injury and loss of life**.

TEACHING & MENTORING

GRADUATE TEACHING ASSISTANT   **BLOOMINGTON, IN**
Indiana University - Luddy School of Informatics   Sep 2022 - Present

- Mentored a class of **50+ undergraduate students** in end-to-end design projects as part of an Intro to HCI course.
- Demonstrated **communication, analytical** and **mentorship** skills through continuous check-ins and collaboration.

SKILLS

RESEARCH & DESIGN

Interaction Design, Visual Design, UX Design, Product Design, Responsive Design, Prototyping, Wireframing, Journey Mapping, Information Architecture, Style Guides, Design Systems, Storyboarding, User Flows, High-fidelity Mockups, User Research, Usability Testing, A/B Testing, User Interviews, Contextual Inquiry, Competitive Analysis, Design Thinking

COLLABORATION

Communication, Innovation, Problem Solving, User-Centered Design

TOOLS & PROGRAMMING

Figma, Miro, Figjam, Dovetail, Framer, Adobe Photoshop, HTML, CSS, JavaScript, Python, Voiceflow, Protopie, Arduino