

THARA MESSEROUX

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PROFESSIONAL EXPERIENCE

iOS Software Engineer

January 2024 - May 2024

Audible

Newark, NJ

- **Mobile Development** – Developed and maintained intuitive iOS applications using Swift, SwiftUI, Objective-C, and UIKit, focusing on optimal user experience across diverse devices and screen sizes.
- **Quality Assurance** – Enhanced app reliability & user experience through comprehensive tests w/ XCTest framework.
- **Code Optimization** – Efficiently ported and updated existing code from Objective-C to Swift, improving app performance and maintainability.
- **Collaboration** – Excellent collaboration and communication skills, experienced in working with various teams such as product designers, engineers and artists & willingness to explore new challenges & territories.

Software Engineer Intern (UX/UI)

May 2022 - Aug. 2022

Audible

Newark, NJ

- **UX/UI Development** – Improved user experience for internal tools and built front-end interfaces with React.js, TypeScript, JavaScript, and HTML/CSS, enhancing Audible's ABOS offer configuration system.
- **Full-Stack Development** – Developed a full-stack system to streamline internal processes, cutting offer creation and update times. Integrated backend with Java and AWS (Lambda, S3, CloudFront, Route 53, CloudFormation).
- **Agile Project Management** – Enhanced project deliverables and team communication using Agile methodologies and Jira. Delivered a high-impact project serving over 35,000 internal users within a 9-week timeline.
- **Security and Deployment** – Engineered secure application deployments using AWS Cloud services, ensuring robust access and data integrity with IAM and CloudFront.
- **Fast-Paced Environment** – Ability to thrive and adapt quickly.

Architectural Designer

Sept 2019 - Jun 2021

Mount Vernon Group Architects

Wakefield, MA

- **Projects**: Wareham Elementary School, Chelsea Cafeteria Renovation, 2 Hudson Square NYC Elementary School
- **User Engagement** – Directly interacted with stakeholders (parents and students) to understand their needs, ensuring designs for educational facilities like Wareham Elementary and 2 Hudson Square NYC Elementary were user-focused.
- **Collaborative Design** – Played a key role in a multi-disciplinary team of over 10 professionals, worked on projects from conception to completion, highlighting a process similar to UX design iterations.
- **Multiple Visual Mediums** – Experience working with different types of visual mediums.
- **Visualization and Prototyping** – Developed augmented reality experiences, AR/VR and 3D models & rendering using Revit, Sketchup, Lumion, and Enscape. Produced visual presentations with Adobe Suite to convey design concepts.
- **Research and Analysis** – Conducted in-depth research to inform material specifications and design decisions, akin to UX user research and trend analysis.
- **Technical Skill Development** – Led an internal workshop on the Enscape rendering program, fostering skill enhancement and technology adoption within the team.
- **Technical Documentation** – Expertly used CAD and BIM tools for detailed 2D and 3D drafting, construction documents, and space planning, demonstrating strong technical documentation skills for UX.

SKILLS

- **Software & Environment**: Adobe Creative Suite, Photoshop, Illustrator, Revit, Sketchup, Lumion, Enscape, AutoCAD, Rhinoceros (Rhino), Autodesk 3ds Max, V-Ray, Unreal Engine, HTML/CSS, Javascript, Typescript
- **Technical Skills**: 2D/3D Design & Modeling, AR/VR Design, Wireframing & Prototyping, User Research & Testing, Interaction Design, iOS, Android, Web
- **Languages**: English, French, Creole

EDUCATION

Grow with Google

Remote

UX Design Professional Certificate (in progress)

June 2024

Relevant Courses: UX/UI Design, User Research, Design Thinking, Wireframing and Prototyping, Professional Skills, Usability Testing and Iteration, Information Architecture, Interaction Design, Responsive & Adaptive Design

Northeastern University: Boston Campus

Boston, MA, US

Master of Science in Computer Science (MSCS) GPA 3.7/4.0, GEM Fellow Award

Jan. 2021 - May 2023

Relevant Courses: Mobile Application Development, Web Application Development, Object-Oriented Design

Boston Architectural College

Boston, MA, US

Certificate of Interior Architecture

Jan. 2019 - May 2020

Bachelor of Architecture GPA 3.5/4.0, Heenan Award

Jan. 2015 - Dec. 2019

Relevant Courses: Design Representation, Human Factors, Graphic Design, Psychology, Color Theory, Adobe Creative Suite