Tanishq Bafna

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EDUCATION

Virginia Tech, Virginia **12/2022**
- Masters of Engineering in Computer Science, Current GPA - 3.81.
- Associated with the **Center for Human-Computer Interaction.**
- Courses: Human-Factor & System Design, Usability Engineering, Models and theories in HCI.

Vellore Institute of Technology, India **08/2021**
- Bachelor of Technology in Computer Science, CGPA - 7.94/10 (WES - 3.850).

SKILLS AND PROFICIENCIES

Technical proficiency in User Experience (UX) Design, Information Architecture, and Product Design. User Interface (UI) Design - Interaction Design, Web Design, Visual Design, Rapid Prototyping, Prototyping, Wireframing, Human Factors, and User-Centered Design. Expertise in HCI - Usability Testing, User-centered Design, Wireframing, Human-centered Design, UX Research, VR/AR/XR, and Adobe Creative Suite. Adobe XD, Figma, Sketch, Unity3D, Tableau. Javascript, Django, D3.js, Information Visualization, Virtual Environments, wireframe, user test, product management, and product improvements.

WORK EXPERIENCE

Avocademy Inc. - Remote, USA **01/2023**
UI/UX Design Course Content Instructor
- Crafted a comprehensive educational journey incorporating videos, written content & activities to help teach subject expertise in an engaging manner.
- Collaborated with project specialists to curate multi-dimensional learning experiences enriched with external resources.
- Authored 20+ hours of cutting-edge UX/UI design course content, awarding 10+ innovative certificates and badges to students upon successful completion.

CX Studios, Texas, USA **06/2022 - 08/2022**
UX Designer. Interacted with Analytics and Sales teams to identify user needs for the Product.
- Improved the digital customer experience by designing a lifecycle with two key focus areas: 1) improving the customer journey and 2) improving the user experience.
- Employed design thinking skills for clients in the healthcare industry & Evaluated insights to design a website for CX Studios.
- Created Wireframes and Prototypes to represent the product's information architecture and user work roles, by working with the Design Lead and UX team.

Centillion, Mumbai, India **07/2020 - 11/2020**
UI/UX Designer.
- Identified user concerns in interfaces, recommended design changes and iterative updates, supported research, usability, and A/B testing to create two unique prototypes.
- Deployed Google Analytics, analyzed websites and other digital content, and upgraded channels to increase average app engagement time by 2x.
- Conducted testing with 10+ participants on UserTesting.com; synthesized and designed against findings from User Research.

Aiesec, Beau Bassin, Plaines Wilhems District, Mauritius **06/2019 - 09/2019**
Web Design Intern. Supervised web designing and front-end development and functions.
- Executed a performance reporting template. Led a transition to a paperless practice by implementing a faster, safer, accurate classroom system, receding office overhead by 15%.
- Designed and implemented a web application for a non-profit organization, resulting in a modernized website with increased user engagement.
- Redesigned new user sign-up form and flow, driving a 10% increase. Implemented full-length operation and presented superior UI/UX design and visual components.

Soroptimist International - Aiesec, Rose-Hill, Mauritius **06/2019 - 08/2019**
Global Student Volunteer. Counseled the NGO in providing two daily sessions to contribute and help all elderly & youth.
- Guided youth, showing youth a future of tomorrow! Interacted, engaged, and empowered elderly.
- Imparted IT skills, aid classes, and soft skills training to 7-20 year-olds. Managed new potential structures and projects for growth of the NGO.
- Coordinated in planning 10+ future projects to engage young and elderly groups, helping with logistics and administrative departments of the NGO by assisting in Accounting.

ACADEMIC PROJECTS

Collepture- Film Production App - https://www.tanishqbafna.com/Collepture.html
E-commerce Application using Python Django
- Improved and updated 3 platforms leveraging modern JavaScript and Bootstrap. Web App developed with Python Django.
- Coordinated a team of two developers and two designers to deliver 5 valuable features and accomplish business and customer needs.

AR Application with Unity 3D Game Engine and Vuforia - https://www.tanishqbafna.com/Aurel.html
- Delegated code review sessions with peers to present and analyze system design suggestions to reduce error creation.
- Executed 4+ user-testing focus groups leading to 3 new product features. Performed analysis and implementation of user-centric designs while adhering to prescribed interface principles via design systems/patterns.
- Facilitated 3 design thinking workshops for end-users to identify use cases and develop project requirements.

HONORS & AWARDS

Build Wireframes and Low-Fidelity Prototypes - Google Career Certificates
Start the UX Design Process: Empathize, Define, and Ideate - Google Career Certificates
Google Certification Foundations of User Experience (UX) Design - Google Career Certificates
Google Certification in Introduction to Augmented Reality and ARCore - Google
Advanced UI/UX Designer Certification - ITLH
Hackathon (Smart Web Application Development - Ethnus)