PRAGATHI ILANGO

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EDUCATION

Master of Science in **Computer Science** (Interactive Computing)   May 2023
The University of Texas at Dallas, Richardson, TX
Relevant Courses: Human Computer Interaction, Web Programming Languages (HTML, CSS, JS, PHP)

Bachelor of Science in **Computer Science**   Dec 2021
The University of Texas at Dallas, Richardson, TX

CERTIFICATIONS

HFI Certified Usability Analyst (CUA)   Jul 2023
Google UX Design Certificate   Jan 2023
PMI Certified Associate in Project Management (CAPM)   Jul 2018

WORK EXPERIENCE

WEB DEVELOPER   July 2023 - Current
Wesleyan University, Middletown, CT

- Perform requirement gathering with Executive Director, present design concepts, and update the design iteratively based on feedback collected.
- Organize, draft technical documentation, and maintain programming code for all the SPN domains.
- Assist in the development, and coding of Social Psychology Network (SPN) web portal and Content Management System.
- Refactor and optimize SPN database search services for improved efficiency and accuracy.
- Collaborate with student interns during the development and testing phases, providing guidance and oversight.

FRONT-END DESIGN & DEVELOPER   Oct 2022 – Jan 2023
SARAS Analytics & Consulting, Remote

- Redesigned the SIMBCM Web App based on feedback from 100+ users, employing design principles and thorough analysis.
- Conducted competitive analysis, created user flows, and developed wireframes, UI mockups, and prototypes using Figma, presenting four flexible layouts for different user groups.
- Enhanced usability, readability, and navigation; actively contributed to front-end development using HTML, CSS, PHP, and MySQL, leading to a globally launched, user-friendly design after successful KPI testing.

GRADUATE GRADER   Jan 2022 – May 2023
The University of Texas at Dallas, Richardson, TX

- Mentored and guided over 150+ university students in C++, Python, and Java. Implemented creative strategies to enhance class participation and improve student performance.
- Ensured timely grading, promptly addressed student queries and concerns, mentored undergraduate Teaching Assistants, and provided weekly updates to the professor.

SKILLS

Design:	Interaction Design, User Research, User Flows, Wireframing, Prototyping, Information Architecture, Design Systems, Accessibility, WCAG Guidelines, Responsive Web, Usability Testing
Programming Languages:	HTML5/CSS3, C/C++, Java, JavaScript, MySQL, C#, PHP, React (Basics)
Tools:	Figma, Adobe XD, Illustrator, Photoshop, VSCode, Github
Business:	Agile Methodology, Competitor Analysis

RELEVANT PROJECTS

SVASTHA APP   July 2023

- Designed an app to streamline access to daily meal menus and monitor daily food intake for senior citizens.
- *Skills Used:* Figma, UX Research, Competitive Analysis, Digital Wireframing, Lo-fi & Hi-fi Prototyping