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.

TECHNICAL SKILLS

UI/UX design tools: Figma, Adobe XD
Programming Languages: HTML5/CSS3, C/C++, Java, JavaScript, MySQL, C#, PHP

RELEVANT PROJECTS

UTPARK APP — July 2023

- Redesigning the existing University of Texas at Dallas parking app to help students find parking conveniently around campus.
- *Skills Used:* Figma, Storyboards, Mockups, User flows, Paper & Digital Wireframing, Lo-fi & Hi-fi Prototyping

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