

SOUNDARYA MUTHUVEL

UI/UX Developer | UX Designer | Front-End Enthusiast

BIO

I am a working combination of a developer and a designer with interest in creating mobile and web applications that are viable to users. I have experience in front-end development technologies and creating UX wireframes that are usable and accessible, in keeping with the company's business model and goals.

WORK EXPERIENCE

Student Web Developer | Information Security Office, RIT May 2017 - Present

- Devised a plan to **revamp the work flow** of the ISO website.
- Worked on ISO's instructional gamification initiative – Digital Self Defense Dojo (DSD Dojo).
- **Designed and developed** a site for DSD Dojo with the help of HTML, CSS, JavaScript, PHP and MySQL.
- Content strategist for the ISO social media and **increased engagement by 15%**.

Graduate Teaching Assistant | RIT Aug 2018 - Dec 2018

- Assisted in teaching a graduate class: **ISTE 645 – Foundations of Web Technologies**.
- Worked with students **on reinforcing learning concepts and giving feedback** on individual and group assignments.

User Interface Developer Co-op | Roc-Photonics Jan 2018 - June 2018

- Developer for an instructional photonics software intended for students who are learning to draw photonic circuitry. Responsible for **implementing front-end logic** to modify visual elements of the application using HTML and JavaScript.
- Streamlined the User Interface in accordance with the **modern criteria of usability heuristics**.
- Contributed to creating the **Business Model Canvas** of the company, in addition conducting Customer Discovery and establishing new business relationships

PROJECT WORK

Glimpse (Course Work) | Aug 2016 – Dec 2016

- Fabricated an idea that helps **the blind and low vision community** to find things that are displaced around their house by interleaving IoT concepts.
- Insights from **contextual inquiries, affinity diagrams and storyboarding** were incorporated into the prototype.

Tools Used: Adobe Photoshop, Adobe Illustrator, InVision

Bergen Swamp (Course Work) | Jan 2017 – May 2017

- A User Study was conducted with a group of individuals ranging from the age of 18 to 62, to **calibrate the usability of a website** run by a private organization.

Tools Used: Adobe Illustrator, Morae Usability Testing Software and MS Word

Digital Self Defense | May 2018 – Dec 2018

- **Developed and implemented** a gamification attempt to educate the RIT community about good security habits.
- Designed all graphics and **coded the framework** for the users to take quizzes, perform tasks and win incentives.

Languages used: HTML, CSS, VanillaJS, JQuery, PHP and MySQL

Tools Used: Adobe Photoshop, Adobe Illustrator, PHPMyAdmin and GitLab

EDUCATION

Rochester Institute of Technology | Aug 2016 – May 2019

Human Computer Interaction | GPA - 3.67

Info & Interaction Design | Foundations of Instructional Tech | Usability Testing | User Centered Design | Foundations of HCI | Foundations of Web Tech 1 | Foundations of Mobile Design | Prototyping Wearable IoT Device

SRM University | Aug 2012 – May 2016

Electronics and Communications Engineering | CGPA - 8.7/10

PERSONAL INFO

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LinkedIn

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Portfolio

www.msoundarya.com

SKILLS

Development

HTML	■	■	■	■	■
CSS	■	■	■	■	■
JavaScript	■	■	■	■	■
ReactJS	■	■	■	■	■
BootStrap	■	■	■	■	■
JQuery	■	■	■	■	■
Python	■	■	■	■	■
PHP	■	■	■	■	■
MySQL	■	■	■	■	■
Drupal	■	■	■	■	■
WordPress	■	■	■	■	■

Design

Photoshop	■	■	■	■	■
Illustrator	■	■	■	■	■
After Effects	■	■	■	■	■
Adobe XD	■	■	■	■	■
InVision	■	■	■	■	■

Usability

Wireframing
Rapid Prototyping
User Research
Motion Design
Instructional Technology
Responsive Design
Storyboarding
Contextual Inquiry
Affinity Diagramming