MUSKAAN DHADWAL

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EDUCATION

- **University of Michigan - Ann Arbor, MI**   Aug 2022 - May 2024 (expected)
  Master of Science in Information (Human Computer Interaction)
- **SRM IST (KTR campus) - Chennai, India**   May 2017 - Jun 2021
  Bachelor of Technology (Computer Science and Engineering)
  CGPA: 8.99/10

ACADEMIC PROJECTS

Visual Asset Library Redesign, Chicago Council Of Science and Technology   Duration: Sep 2022 - Ongoing
Role: UX Researcher
- Led Contextual Inquiry and Affinity Mapping to brainstorm and suggest ideas of redesigning archival visual assets in the form of images and videos to be used by clients for future marketing and fundraising campaigns.

Technology Used: Miro Board, Excel, Google Docs

Indian Crop Production: Prediction and Model Deployment using ML and Streamlit   Duration: Jan 2021 – Jun 2021
Role: Front-end and Back-end Integrator   SRM IST - Chennai, India
- Conducted a comprehensive analysis to develop a low cost & easy implementation suitable for the problem statements by comparing algorithms
- Removed the deficiency of good and comprehensive visualization and interpretation of the entire problem statement.
- Deployed the whole research to an Interactive Data Driven Web Application on Streamlit.

Technology Used: Python, Jupyter notebook, Anaconda, Streamlit, Heroku, GitHub
Team Size: 2
https://github.com/MuskaanDhadwal/Agricultural-Scenario-India

E-commerce Website,Vereo Edutech   Duration: Jul 2020 - Aug 2020
Role: Front End Developer   Remote
- Designed the front-end of an e-commerce interior designing website by collaborating with various team members using web development technologies.

Technology Used: HTML, CSS.
GitHub - MuskaanDhadwal/major-project.github.io.

Online Examination Portal   Duration: Sep 2019 - Oct 2019
Role: Front End Developer   SRMIST - Chennai, India
- Created an online examination portal to demonstrate working of RDBMS by using PhpMyAdmin for making and storing various tables related to the database.

Technology Used: HTML, CSS for developing the frontend and PHP to make the webpage dynamic and for validating admin login.
Team Size: 2
GitHub - MuskaanDhadwal/Online-examination-portal1

INTERNSHIPS/INDUSTRIAL TRAINING

Supagrow   Duration: May 2022 - Jun 2022
Intern   Remote
- Contributed towards designing high fidelity wireframes, color palettes , site-maps and prototyping website according to client's specifications.

Verzeo Edutech   Duration: Jun 2020 - Aug 2020
Intern   Remote
- Gaining skills in both front-end and back-end technologies like HTML, CSS, PHP and SQL and finally submitted a major-project for the same.
- Learned hands-on how to use various web development technologies for programming and designing websites.

Satluj Jal Vidyut Nigam (SJVN)   Duration: Jun 2019 - Jun 2019
Intern   Shimla, India
- Gathered insight about the basics of computer networks and introduction to web development. A report on the same was submitted to the company.

TECHNICAL SKILLS

- **UX Methods:** Contextual Inquiry, Competitive Analysis , Heuristic Evaluation, Prototyping, Interviewing, Surveying, Affinity Walls, Brainstorming
- **Programming Tools:** C, C++, Java, Python -3, HTML + CSS, JavaScript, MySQL, PHP, Streamlit
- **Software:** Figma, Xampp, PhpMyAdmin, Adobe Xd. Jupyter Notebook, Anaconda, Heroku, Github.
- **Operating System:** Windows
- **Microsoft Office Suite:** Word, PowerPoint

PUBLICATIONS

- **Indian Crop Production: Prediction and Model Deployment using ML and Streamlit**, Turkish Journal of Physiotherapy and Rehabilitation, May 2021 | **Link:** https://turkjphysiotherrehabil.org/pub/pdf/321/32-1-224.pdf

CERTIFICATIONS

Visual Elements of User Interface Design	Coursera, Oct 2020.
Human Centered Design: An Introduction	Coursera, Apr 2020
Web Development using PHP and MySQL	Skyfi Labs, Aug 2020
Data Science for Engineers	NPTEL, Nov 2019

ROLE OF RESPONSIBILITY/CAMPUS INVOLVEMENT

Google Developers Student Club (DSC)	Duration: Mar 2019 – Jun 2019
Role: Design team member	SRMIST - Chennai, India

- Brainstorming ideas and Designing logos, stickers for events as a creative domain team member.

AWARDS AND ACHIEVEMENTS

1st (group), Electronically Controlled Hydraulic Crane, Dept. of Physics and Nanotechnology, SRM IST	Oct 2017
Won running School Trophy for Proficiency in Mathematics, Loreto Convent Tara Hall Shimla	Dec 2016
Letter of Appreciation from HRD ministry, Government of India for securing 10 CGPA in class X	Jul 2015