

Pouria Delfan

Interaction designer and HCI researcher

I like to rethink things through experimentation and create products to empower people on the web.

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Web Design Experience

COVID-19 in the U.S.

Personal project / July 2020

- Created a website dedicated to monitoring the latest coronavirus cases in the United States. Designed and implemented custom visualizations to help users understand patterns and outliers in data using D3, Vega-Lite, JavaScript, HTML and CSS.
- Tested the site's performance to ensure a frictionless experience for users, achieving a load time of under three seconds to prevent user abandonment.

SFU Sustainability redesign

Academic project / Spring 2020

- Reimagined SFU Sustainability's website using HTML, CSS and Javascript through a week-long design process to improve brand recognition and user accessibility.

Research Experience

Research Assistant at Integrated Science Lab

SFU (Surrey) / Fall 2019 - Spring 2020, Fall 2020 - Present

- Assisted a graduate student by providing research support through literature reviews, directing and narrowing down research topics. Investigated the possibility of a shared visual vocabulary between patients for expressing symptoms.
- Helped to design a handbook for patients to keep as a diary and record their symptoms. Conducted mock interviews to prepare for patient interview.

Research on mental imagery

Directed study (SFU Surrey) / May - August 2019

- The purpose of this research was to gain knowledge on the way individuals use mental imagery in their thinking. No strong correlation was found between mental imagery and problem solving abilities, which led to further insight on the diverse methods of problem solving, specifically among those who lack the ability to voluntarily visualize mental imagery. This could suggest that such ability may in fact be epiphenomenal in nature and not significant.

Skills

HTML, CSS, SCSS

Java, JavaScript

D3, Vega-Lite, Bootstrap, Git, Figma

Adobe Creative Suite
Cognitive engineering

Awards

Dean's Honour Roll

Spring 2018

Achieved a term GPA of 3.9 while enrolled in at least 12 units of classes

FCAT Undergraduate Research Fellowship Award

Fall 2019

Education

Simon Fraser University

2014 - present

BSc in Interactive Arts and Technology (UX and Interaction Design)

Interests

I love taking photos of landscapes, playing piano and soccer, and making visualizations of data.