

# UX Designer

# Mario Machado

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## Summary

- Aspiring UX Designer with extensive experience as an ergonomist, including program management within health-tech companies.
- Experienced in the digital field focusing on UX through conducting user research, usability testing and training sessions to ensure the success between users and the product.
- Technical Skillset: Experience strategy, user research, usability testing, information architecture, prototyping and front-end development.
- Professional goal: Looking for a UX/UI designer position to create user friendly interfaces within an established company.

## Education

### UX Certificate/ UX Design: Career Foundry

#### Project 1: Vela

Weather forecasting app that helps surfers enjoy their time on the water.

- Conducted user surveys and interviews with 5 participants to identify pain points in the market
- Created user personas and user flows to bring ideal Vela users to life
- Used card sorting and site maps to organize and structure information
- Developed wireframes and prototypes for testing
- Produced a clickable prototype for users to test out the design
- Performed usability testing with 6 participants to assess the user experience of the prototypes
- Refined the design based on usability feedback.

Tools: Optimal sort, Adobe XD, Adobe Illustrator, Adobe Photoshop,

#### Project 2: Portfolio

Create my own portfolio website using HTML, CSS and JavaScript.

- Learned the basics of HTML; Styled each page following CSS guidelines
- Applied JavaScript coding to improve the design and layout of the website
- Gained feedback by having 5 participants assess my portfolio page.

Tools: HTML, CSS, JavaScript

#### Project 3: Lingo & You

Vocabulary app that identifies pain points in other existing products.

- Conducted initial user interviews with 4 participants to understand an entry point and identify previous experiences with vocabulary apps
- Created low fidelity prototyping to generate early concept of Lingo & You's design
- Completed usability testing with 4 individuals to receive feedback on current user experience with the current design
- Improved the design concept based on the feedback given from the usability testing

Tools: Pencil and Paper, Marvel App,

## Professional Experience

### Post-Graduate Certificate/ Ergonomics: Fanshawe College

#### Project 1: Cineplex Website Redesign

Redesign aimed at improving the flow and user experience of the online checkout process.

- Analyzed current problems users were experiencing with the checkout process
- Performed a redesign of the ticket purchasing process using Axure RP
- Developed an interactive prototype for usability testing
- Assessed the new design with 5 participants for feedback

Highlight: Created a more effective way for users to purchase tickets online where previous check out time was 2 minutes and redesign check out time now 1:30 minutes

Tools and Technologies used: Axure RP

#### MyAbilities Technologies Inc., Mississauga, ON

Mar 2020 – Sept 2020

##### Ergonomic Program Manager

- Started the development of an app called PDAI, a kinematic risk assessment app. This involved creating wireframes and mockups using Sketch software.
- Scheduled usability testing with a group of 30 students to identify areas of improvement with the MyAbilities platform.
- Completed user research through performing product trials and delivering educational and certification materials.
- Delivered comprehensive reports after completing ergonomic services to clients, which consists of on-site visits, physical, or job demand analyses (PDA), on-site workstation assessments and in-person platform training.

#### MyAbilities Technologies Inc., Hamilton, ON

Apr 2019 – Mar 2020

##### Digital Ergonomist

- Worked alongside the customer service team to provide users with a great experience with the platform
- Assisted backend developers in assessing bugs within the platform.
- Created pdf documents containing new features and improvements to the platform to provide to existing users.
- Completed ergonomic assessments and written reports for employers to promote musculoskeletal disorder (MSD) awareness and prevention

#### Planet Fitness, Mississauga, ON

May 2017 – Sept 2018

##### Fitness Instructor

- Prepared and delivered comprehensive fitness programs based on clients' goals that included appropriate exercise selection, nutritional programming and teaching a fitness lifestyle
- Provided rehabilitating exercises for individuals with chronic and acute injuries, which include knee strengthening, postural correction and core strengthening.

## Certifications

(AE) - Associate Ergonomist with the Canadian College for the Certification of Professional Ergonomists (CCCPE)