MAHEEN ADHAMI

SYSTEMS DESIGN ENGINEERING



Experience

SoulFx Technologies May 2019 - Aug 2019

UX Designer

- Led systems design for a prescription reimbursement program by creating technical documentation such as wireframes, and system diagrams and by meeting with stakeholders
- Implemented new method of annotating documentation which prevented code duplication of conditional templates, and reduced development time by 8 hours.
- Improved user experience of new and existing projects by improving site navigation and usability through wireframes, prototypes, and user task flows.

The Weather Network Sep 2018 - Dec 2018

QA Developer

- Developed microservices using Vue and Nuxt frameworks for promotions and news to be used cross platform; reduced cache time from 10 minutes to 30 seconds
- Contributed over 60% of tests written for new content management system; resulted in a CI/CD environment
- Demonstrated bi-weekly product release in agile enviornment to stakeholders to receive feedback prior to launching

Bronte College Jan 2018 - Apr 2018

Software Developer

- Designed new features following user constraints and requirements allowing admissions office to have more accurate information when suspending student applications
- Interviewed teachers and administrators to find pain points in system interface; redesigned pages with user end needs in mind



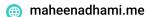
Projects

Shottle

- Followed an iterative design process with user research, product testing, and feedback to develop a dual-chambared water bottle that promotes healthy alcohol consumption.
- Used Solidworks to design and 3D print high-fidelity prototype

Digital Bartender

 Designed wireframes adhering to multiple constraints such as a 480 X 320 screen, and using only the adafruit gfx library



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Skills

Design

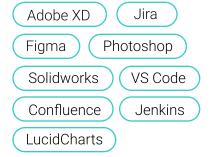
Wireframing, Usability Testing, User Research, Prototyping, Product Demos, User Taskflows

Development

JavaScript, Java, Typescript, HTML, CSS, C++, MySQL, TDD, Git



Toolbox





Education

Systems Design Engineering

University of Waterloo 2017-2022

Human Factors in Design, Design Systems and Society, Economics of Engineering Design



Interests

Art: Henna Artist, Sell Commisioned Artwork **Technology:** FIRST Robotics

Mentor

Reading: Science Fiction,

Historical