




# MAHEEN ADHAMI

## SYSTEMS DESIGN ENGINEERING

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### 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 environment 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-chambered 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



### Skills

#### Design

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

#### Development

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



### Toolbox

Adobe XD

Jira

Figma

Photoshop

Solidworks

VS Code

Confluence

Jenkins

LucidCharts



### 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 Commissioned Artwork  
**Technology:** FIRST Robotics Mentor

**Reading:** Science Fiction, Historical