



## QUALIFICATIONS

Gaining experience in user centered design through market research and experience using Sketch, Figma, Adobe Suite, Invision, Principle and more. Interpersonal and oral communication skills developed as a mentor and executive outreach coordinator working with customers, children, and clients. Working proficiency in web app development using front-end and back-end tools such as HTML/CSS, JS, Node, NoSQL, Bootstrap, React, Git etc.

## SKILLS

**Design:** Figma, Adobe XD, User/Market Research

**Languages:** C/C++, HTML5, CSS, NodeJS, Python, Git, Bash

**Software Tools:** AWS, React, MongoDB, Express, jQuery, Bootstrap 4

**Hardware:** Arduino, Raspberry Pi, Solidworks, AutoCAD

## EXPERIENCE

### PRODUCT DESIGNER

JANUARY 2020- PRESENT

M.A. Kharafi & Sons

- Established **empathy and journey maps** to identify challenges for **500** employees regarding site image distribution and internal communication means.
- Directed qualitative **user interviews** and **usability testing** on Figma prototypes, resulting in intuitive designs being used in final product.

### FULL STACK DEVELOPER

SEPTEMBER 2019 - PRESENT

MAX Gala

- Iteratively designed wireframes for MVP, detailing user flows for mentors and mentees to **increase positive responses** collected in a survey by **30%**.
- Translated final wireframes into ReactJS components and identified required **API** calls.
- Implemented a **serverless** architecture in Python runtime using **AWS API Gateway, Lambda,** and **RDS** and deployed AWS Lambda code from S3 buckets.

### MECHATRONICS DESIGNER (START UP)

JANUARY 2020- MAY 2020

Top Hat Robotics

- Worked alongside CEO and developers to identify design requirements and **facilitate product development**, allowing for a full **redesign** of V3 and **complete design** of V4 skeletons.
- Designed robotic skeleton in accordance with requirements to optimize placement of components and ensure safe human-computer interactions, increasing **pilot sales by 12%**.

## PROJECTS

### TRAVELTRACE

- Synthesized results from user interviews, **98** questionnaire responses, and competitive analysis to map out user flow. Resulting in the creation of a **medium-fidelity** Figma prototype.

### YELPCAMP

- Developed a campground sharing platform using RESTful routing, Google API's, MongoDB, Express, NodeJS, with features such as **authentication, managing user profiles** and **authorization**.

## AWARDS

- 2020 **Youth Leader @ President Obama** : Future of the Economy Speech
- 2019 **\$48 000** Lincoln Alexander Chancellor Scholarship
- 2019 **\$3 000** Walied and Deena Soliman All Star Scholarship

## COURSES

- Human Factors & Design
- Intro To Design
- Data Structures and Algorithms
- Web Developer Bootcamp

## INTERESTS

- NBA, Ultimate Frisbee
- New and emerging tech
- Product Design
- Literature