Fort Worth, Texas Cell: 682-472-6863

# **Noah Shmais**

noah.shmais@mavs.uta.edu linkedin.com/in/noah-shmais github.com/Nshmais

#### **Technical Skills**

Languages: Html, CSS, JavaScript, Python, SQL, C. Bootstrap, Flask, Knockout.js (MVVM), jinja2 Frameworks/Libraries:

Programs: MPLAB X, MATLAB, PSpice, Multisim, MIT app inventor, 3D Solidworks.

Others: Linux, Git/GitHub, Arduino, PIC Microcontrollers, Great ability in troubleshooting.

# **Project Experience**

# **Landmark Site for DFW Area**

- Built a Single-page, responsive application using knockout.js framework and JavaScript that displays a Google Map of landmarks in DFW area.
- The app allows users can search all landmarks list; a selected landmark's info window pops up on map and displays info about location, weather info are retrieved from Yahoo API.

# **Multi Blog Website**

- Built a multi-user blog, which allows users to post, remove and edit their blogs, and post comments.
- The app allows users to register and have a unique username and password; hashed passwords using salt to strengthen the secure the passwords.
- Used PostgreSQL (Psql) database to save new users, their posts, and comments.

# Multi-page Restaurant Menu Website

- Developed a content management system using the Flask framework in Python.
- Used Google OAuth to authenticate users and allow users to create restaurant and add menus.
- Used SQL to save the restaurants and menus data.

#### **Watt Meter**

- Built an electric device that measures AC current, voltage, frequency, and total power consumption using Arduino microcontroller (C language).
- The app allows users to display the results on a device's LCD and on a cellphone's Android App via Bluetooth

# Work Experience

# Production Support at FedEx (GENCO):

Fort Worth, TX Jun, 2010- Aug, 2016

- Provide assistance in a number of different areas, including technical and functional assistance, problem solving, data processing and handling.
- Led and manage a team of 30 employees to meet and accomplish various duties and tasks.
- Met deadlines, and worked under pressure.
- Managed production lines to optimize production process, team leader, generated hourly management reports.

# **Accelerated Pavement Testing (APT) Research:**

Arlington, TX Mar, 2014- Jul, 2015

- · Collected data on different types of asphalt mixes, to determine the most durable and cost-efficient asphalt mix, to give drivers a smoother ride.
- The project budget was a \$1.12 million grant from the Texas Department of Transportation.
- Served as member of the maintenance and data gathering team.

#### **Education**

Udacity - Full Stack Web Developer Nanodegree	2017
University of Texas at Arlington - Electrical Engineering (BSEE)	2016

# • University of Texas at Arlington - Electrical Engineering (BSEE)

# **Honors and Activities**

Member of Fta Kappa Nu (HKN).	2015-Present

• Member of Phi Theta Kappa Honor Society (PTK). 2011-Present

• Institute of Electrical and Electronics Engineers (IEEE), Student Member. 2015-Present

Huitt-Zollars Scholarship

2013-2016