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# Noah Shmais

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## Technical Skills

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

## Honors and Activities

- Member of Eta 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