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Noah Shmais

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Technical Skills

Languages:	Html, CSS, JavaScript, Python, SQL, C, jQuery.
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, Web Design, Responsive Design, 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