Shashank Saxena

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Skills

CSS	VB.NET / C#
HTML	C
JavaScript	MATLAB
Python	MySQL
UNIX	Windows

Involvement

ACM   IEEE

CS196 Course Staff

Research with Professor Caesar

Awards

BPA National Top 10 Finalist
VB.NET Coding Competition

AP Scholar

National Honors Society
Honors Distinction

Volunteering

St. Alexius Medical Center
Gift Shop Manager

Education

University of Illinois at Urbana-Champaign

B.S. Computer Engineering   *Expect May 2018*

Experience

State Farm, Systems Engineer Intern   *May 2015 - Present*

Worked at State Farm's Systems Engineering Intern department

Used VB.NET with Microsoft's Jet engine for database files

Redesign the RDC website for State Farm interns using the MEAN stack

DotStar, Course Staff Member   *Aug 2015 - Present*

Selected for course staff for CS196

Worked on a bus application for students and extended it to smartwatches

Mostly worked with new students and worked using agile development and GitHub

Projects

Illini Hyperloop Project   http://uiuchyperloop.tk/

Designed the entire website for UIUC's hyperloop project.
Used basic HTML and CSS. Used FontAwesome for iconic hyperlinks.

Danger Detector

iPhone application that detects a "danger level" from a radial distance of current location

Mainly worked on NodeJS backend server, using ForecastIO API and databases containing crime data in Chicago

eParking   http://tiny.cc/ePark

Project Lead

Simulated a parking meter using a server to contain values stored in a database

Mainly worked with Raspberry Pi to read values from server and update lights accordingly using Python and Requests

Autonomous Vehicle

Created a small, self-moving car that would follow a flashlight

Circuitry involved Arduino Uno (RedBoard) to control voltage and speed