

# 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 *Expected 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

## 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