

# Shashank Saxena

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## Skills

CSS	VB.NET / C#
HTML	C
JavaScript	PebbleJS
Python	Firebase
UNIX	Windows

## Involvement

ACM IEEE

CS196 Course Staff

## 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, given 2 projects

Proj. 1: Created a database application for incoming customers  
Used VB.NET with Microsoft's Jet Engine for database files  
Used Microsoft Access to store information in local DB

Proj 2: Implemented and completely reworked internal website for  
interns

Used MEAN stack, but worked mainly on the frontend  
Used HTML, CSS and AngularJS on frontend

### DotStar, Course Staff Member *Aug 2015 - Present*

Selected for course staff for CS196, honors section of Intro to CS

Worked on a social networking application that will in-  
tegrate all online social networking into one application,  
making it easy for users to connect

Lead a team of freshman using Android SDK, Facebook,  
Twitter, and Instagram API

## Projects

### AllState Hackathon 4th Place Winner

Created smartwatch app that gets  
information about your house.  
Used PebbleJS with AllState's A6 IoT API

### StateFarm Hackathon

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

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

### Autonomous Vehicle

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

Circuitry involved Arduino Uno  
to control voltage and speed

### Illini Hyperloop Project <http://illinihyperloop.com>

Designed the entire website for UIUC's hyperloop project.  
Used HTML5 and CSS3. Used FontAwesome for iconic  
hyperlinks, BootStrap, and theme from HTML5UP

### UIUCUMTD

Pebble application that gives users the current timings of the  
buses based on their current location

Used CloudPebble and PebbleJS for creating the app

Used bus service's API to get information about timings

### 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