

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