Shashank Saxena

Phone: (847) 804 4128 | E-Mail: ssaxen4@illinois.edu
GitHub: Salil999 | www.shashanksaxena.me
LinkedIn: www.linkedin.com/in/shank96

Skills

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

Involvement

ACM
IEEE

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*

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 integrate 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

Last Updated: Oct 23, 2015