

# Shashank Saxena

Phone: (847) 804 4128 | E-Mail: ssaxen4@illinois.edu

GitHub: Salil999 | www.shashanksaxena.me

LinkedIn: www.linkedin.com/in/shank96

## Education

**University of Illinois Urbana-Champaign**

B.S. Computer Engineering Expected May 2018

## Skills

### Comfortable With

HTML/CSS	VB.NET / C#
JavaScript	C
NodeJS	C++
Firebase	UNIX
Raspberry Pi	Windows

### Familiar With

Python	Java
MATLAB	Swift
Arduino	SharePoint

## Involvement

ACM	Reflections
IEEE	Projections
Illini Hyperloop	WebMonkeys

## 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

Over 100 hours at Feed My Starving Children

## Experience

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

- Created a database application for incoming customers using VB.NET and Microsoft's Jet Engine
- Updated and completely reworked website for interns. Used MEAN stack, but focused on the frontend.

**DotStar**, Project Manager Aug 2015 - Present

- Selected for course staff for CS196: Honors section of Intro to CS
- Worked on Android app that would integrate various social networking accounts into a centralized location to easy sharing of information.
- Lead a team of freshman using Android SDK, Facebook, Twitter, and Instagram API

## Projects

**ticktagg** Independent Project | <http://ticktagg.com>

- Created a web app that integrated various social media accounts into one location. Use NodeJS, Firebase, Express and Jade.

**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

**AllState Hackathon** 4th Place Winner

- Created smartwatch app that gets the status of your home.
- Used PebbleJS with AllState's IoT API

**UIUCUMTD** Independent Project

- Pebble smartwatch app that gives users current status of nearby bus stops based on their current location
- Used CloudPebble and PebbleJS for creating the app
- Used the bus services's API to retrieve information about timings

**phoneify** Open Source Contribution

- Created npm module that assists in parsing US phone numbers in different formats

**StateFarm Hackathon**

- iPhone app that detects a "danger level" from a radial distance of a user's current location (restricted to Chicago)
- Worked on NodeJS backend server using ForecastIO's API and databases containing historical crime data for Chicago

**eParking** Project Lead | <http://tiny.cc/ePark>

- 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 LED lights accordingly using Python and the Request library

**Autonomous Vehicle**

- Created a small autonomous car that followed a flashlight
- Circuitry involved Arduino Uno to control voltage and speed