

# KRUTHIKA GIRISH

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## EDUCATION

### Master of Computer Science

University of Illinois, Springfield, Illinois

August 2018 - May 2020

GPA: 3.2/4

### Bachelor of Engineering in Information Science

Visvesvaraya Technological University, Karnataka, India

August 2013 - June 2017

GPA: 60.9/100

## TECHNICAL SKILLS

### Programming Languages & Databases

Java, Python, R, C, Unix Shell Scripting, SQL, MySQL, PostgreSQL

### Web Technologies

HTML, CSS, SASS, XML, JavaScript, PHP, Node.js, React.js, REST API

### Frame Works

jQuery, Bootstrap, Express.js, Passport.js, Semantic UI, Spark, Android Studio

### Cloud Services & Industry Knowledge

AWS, SEO, SDLC, Scrum, GIT, Adobe Creative Suite, WordPress

### Certifications

The Complete Web Developer in 2020: Zero to Mastery by Udemy

## EXPERIENCE

### Research Volunteer | University of Illinois, Springfield, IL – United States

April 2020 - Present

- Working on a project to make efforts to conserve threatened and endangered species in Canada using artificial intelligence techniques.
- My duties are data collection, software design and implementation.

### Intern | Inventeron Technologies, Bangalore, KA – India

August 2017 - Oct 2017

- Completed an Internship based on Raspberry Pi and Python. Worked on Raspberry Pi practically and learnt about IoT Analytics.

**Technologies/Environment:** IoT, Python, Raspberry Pi

## PROJECTS

### Hebiancao [HTML, CSS, Bootstrap, JavaScript]

- Developed a responsive website for showcasing my art skills.
- Used JavaScript to implement scroll to top property. Visitors can email or browse through bunch of sketches.

### Portfolio [HTML, CSS, Bootstrap, JavaScript]

- Developed a responsive website focusing on displaying the objectives, show case my work.
- Used CSS grid for the layouts and JavaScript for scrolling the description on thumbnail.

### My Do's [HTML, CSS, Bootstrap, JavaScript]

- Developed a web application that lets the user's keep a track of their work and manage time accordingly.
- Simple, friendly and easy to use. Will soon be available on chrome store to add it as a web extension.

### Yelp Camp [HTML, CSS, Bootstrap, JavaScript, jQuery, Node.js, Passport.js, Semantic UI, Express.js, MongoDB]

- Developed a full-stack application to view and check their availability in different campsites.
- RESTful services used to implement the routes in NodeJS for backend server connection.

### Auto Repair Database Design [Microsoft Access, MySQL]

- Designed a conceptual and physical database for Auto Repair.
- Performed complex queries and database connectivity.

### A Shoulder Surfing Resistant Graphical Authentication System [Java, SQL, HTML, CSS, Bootstrap JavaScript, JSP, XML]

- Developed a web application for an authentication system using graphical passwords to avoid camera-based attacks.
- Used One-Time valid login indicator as a security feature.

## PUBLICATION

- Paper: Analysis of IoT Automotive Industry used in Smart Cities Jan. 4th, 2018
- IJCEA: <https://goo.gl/JPoZqW>