

- <https://www.github.com/kruthikagirish> • <https://www.linkedin.com/in/kruthikagirish80>
- <https://kruthikagirish.github.io/kruthikagirish/> (PORTFOLIO)

## EDUCATION

### Master of Computer Science

University of Illinois, Springfield, Illinois

August 2018 - May 2020

GPA: 3.6/4

### Bachelor of Engineering in Information Science

Visvesvaraya Technological University, Karnataka, India

August 2013 - June 2017

GPA: 60.9/100

## TECHNICAL SKILLS

<b>Programming Languages:</b>	Java, Python, C++, C, MATLAB, C#, Unix Shell Scripting
<b>Web Technologies:</b>	HTML, CSS, XML, JavaScript, Node.js, React.js, REST API
<b>Frame Works:</b>	jQuery, Bootstrap, Express.js, Passport.js, Semantic UI, Flask, Android Studio
<b>Databases:</b>	MySQL, MongoDB, PostgreSQL
<b>Cloud Services:</b>	AWS (EC2, S3, SQS)
<b>Industry Knowledge:</b>	SEO, SDLC, Scrum, GIT

## 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 duty is to collect image data for threatened and endangered species from both animal kingdom and plantae kingdom using search filter to narrow the search.

### 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

### Smart Brain [React.js, Clarifai API, Node.js, Express.js, PostgreSQL, JavaScript(ES6)]

- Developed a full-stack web application that detects faces on any image using a Clarifai API.
- Used Node.js, Express.js, and PostgreSQL database in the backend to keep track of how many entries every user has made.

### Yelp Camp [HTML, CSS, JavaScript, jQuery, Bootstrap, 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.

### Child Safety [Android Studio, Java, MySQL, HTML, CSS, JavaScript]

- Developed an android application which acts as a smart IoT device which helps parents to locate their kids with real-time location.
- Application runs on Arduino Uno Microcontroller and Arduino GSM helps in sending/receiving SMS, establish internet connection.

### A Shoulder Surfing Resistant Graphical Authentication System [Java, SQL, HTML, CSS, 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>