KRUTHIKA GIRISH

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EDUCATION

Master of Computer Science	**August 2018 - May 2020**
University of Illinois, Springfield, Illinois	**GPA: 3.6/4**

Bachelor of Engineering in Information Science	**August 2013 - June 2017**
Visvesvaraya Technological University, Karnataka, India	**GPA: 60.9/100**

TECHNICAL SKILLS

Programming Languages & Databases: Java, Python, C++, C#, C, Unix Shell Scripting, 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, Flask, Android Studio
Cloud Services & **Industry Knowledge:** AWS, SEO, SDLC, Scrum, GIT, Adobe Creative Suite, WordPress

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 from both animal kingdom & 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

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