

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	Flask, PyCharm, 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 – Nov 2020**

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

Freelance Graphic Web Developer/Designer **Oct 2020**

- A designer passionate about understanding users, building design systems, and working on multi-disciplinary teams.
- Designed Logo, Business card, and Poster for RK Electrical Engineering Company.

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

Research Project

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

RK Electrical Engineering Company Design [Adobe Creative Suite]

- Designed logo, poster, and business card for the start-up company called RK Electrical Engineering Company.
- Designed using tools: Adobe Photoshop, Illustrator.

Online Grocery Store [Python, Django, MySQL, HTML, CSS, JavaScript]

- Developed a web application for online grocery store using Django Framework.
- Developed this project over Django framework and all the validation task and animations has been implemented using JavaScript.

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.

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.
- Major role was to create webpages, wrote queries and project presentation.

PUBLICATION

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