

Rishbh Rana

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EDUCATION

KEAN UNIVERSITY

B.S. IN COMPUTER SCIENCE

INFORMATION SYSTEMS

Expected May 2018 | Union, NJ

Residency Status: Citizen

SKILLS

PROGRAMMING

Java • C • Python

Experienced in:

HTML • CSS • JavaScript • PHP • MySQL

• REACT • MongoDB • Node • Npm •

ExpressJS • JQuery • Django • Bootstrap

• AJAX • Agile Workflow • Linux

TECHNOLOGIES:

Raspberry Pi • Arduino • Git •

iOS(novice)

LEADERSHIP

ACM Member, Presenter •

CoDirector of Hackkean • Github

Campus Expert • Java and Linux/Unix

Tutor • LSAMP Research Scholar •

Forbes Under 30 scholar Attendee •

Free Code Camp Full Stack

Certification • Camp Fatima of NJ

LINKS

Github:// [rishbhr](#)

LinkedIn:// [rishbhrana](#)

COURSEWORK

Distributed Systems

Data Structures

Computer Information System

Web Programming

Database Systems

HOBBIES

•Cars, I am a fan of classics, Japanese, European and American!

•Photography, people and landscape I love to capture everything with a lens!

•Tennis, I played 4 years of varsity in high school and I love it all, I coach as well!

•Hackathons, I love to organize and attend them been at it for about 3 years now!

EXPERIENCE

CBS LOCAL DIGITAL MEDIA | WEB DEVELOPER INTERN

June 2016 – Aug 2016 | New York, NY

- Learned advanced programming concepts and implementation in a secure and object oriented manner.
- Web Development in an Agile work flow.
- Understanding the importance of deadlines, teamwork and most importantly to ask questions.

FREELANCE | WEB DEVELOPER

February 2014-Present

- Successfully deployed custom Wordpress websites for clients.
- Developed great communication skills while working in a team of members from other disciplines.
- Exceeded client expectations for on-time delivery of projects, and features.

RESEARCH AND PROJECTS

KIMPS | STEMPPACT RESEARCH

July 2017-Present

- Creating an Web-Application based on React, and MongoDB in a team of 4.
- Users can manage images, make notes on top of those images using client-side JS processing to minimize server side load.

AUTOMOTIVE GRADE LINUX | UNDERGRAD RESEARCH

September 2017-Present

- Developing a climate control application for in an in car dash system, based on Automotive Grade Linux(AGL) running on a Raspberry Pi.
- The system utilizes machine learning to adjust temp inside a vehicle environment based on previous data from user.

SEMI-AUTONOMOUS DRONE | SENIOR PROJECT

January 2017-May2017

- Developed software to control Ar Drone 2.0 independent of the provided phone application in a Agile Workflow with 2 other teammates.
- The project employed JavaScript running on a node.js server to control drone functions and receive data.

INVENTORY MANAGEMENT SYSTEM | DATABASE MANAGEMENT

- The web application used PHP for backend and MySQL database, to keep track of in stock products and support multiple user login.
- Using the session protocol and cookies the application verifies user, and keeps the data secure.

HOW OLD IS MY DOG? | IOS APPLICATION

- Developed an application that calculates the age of a dog from human years to dog years and vice versa.
- Application was developed using swift, for iPhone platform.