Kiran Kumar Gangadevi

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Education

University of California, Riverside — Graduated: June, 2016
Master of Science in Computer Engineering — GPA: 3.4

Jawaharlal Nehru Technological University, Hyderabad — Graduated: June, 2015
Bachelor of Science in Computer Science & Engineering — GPA: 3.7

Skills

- Programming Languages: C, Java, Python
- Front-End: HTML, CSS, JavaScript, AngularJS, JQuery, Bootstrap, UI Tools & Frameworks
- Back-End: Ruby on Rails, Node.js
- Databases: MySQL, SQLite, MongoDB
- Operating Systems: Windows, Linux
- Tools: Eclipse, Visual Studio, Photoshop
- Miscellaneous: Git, Shell Scripting, Responsive Web Design, Web Services

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Research/Work Experience

University of California, Riverside — January 2016 – March 2016
A survey on vulnerabilities and security solutions in NFC devices
- Authored a literature survey on vulnerabilities and solutions in Near Field Communication devices
- Examined the existing security threats and possibilities for attacks in the NFC devices
- Analyzed and critiqued the existing security solutions for the potential threats in NFC devices

Dexter Labs, Hyderabad, India — July 2014 – November 2014
Android Development Intern
- Coordinated my team of two members to successfully develop 'Attendance Digitaziler' application
- Designed to simplify the way professors mark attendance
- Implemented the user functionality, database and user interface

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Academic Projects

University of California, Riverside — January 2016 – March 2016
XV6 Operating System Project (C)
- Implemented a new system call and lottery scheduling for process management
- Upgraded the Virtual memory features to trap and kill a process that tries to access a null pointer
- Programmed real kernel threads on the XV6 operating system

University of California, Riverside — September 2015 – December 2015
Synthesis of Digital Systems Projects (HTML, CSS, JQuery)
- Implemented Left-edge algorithm for Channel routing problem.
- Implemented Quine-McCluskey algorithm for minimization of Boolean functions.
- Implemented Simulated Annealing heuristic for Channel routing problem.

Jawaharlal Nehru Technological University, Hyderabad — December 2014 – April 2015
Online IDE Project (HTML, CSS, JavaScript, Ruby on Rails)
- Developed an Online Integrated Development Environment web application
- Designed to simply the way programmers create their projects and access them
- Provided support for C, C++, Java, Python and JavaScript

Personal Projects - (GitHub)

Currently pursuing **Full Stack Web Development specialization – Coursera, Ruby on Rails Web Development – Coursera.**