

KARAN KUMAR VASNANI

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OBJECTIVE	Seeking an internship to complement the skills I have learnt in my academia and work experience.			
EDUCATION	YEAR	DEGREE/EXAM	UNIVERSITY	GRADES
	August 2016 - 2018	Master of Science in Computer Science	University of Florida	NA
	2010-2014	Bachelors of Technology in Electronics & Communication Engineering	Malaviya National Institute of Technology, India	8.58/10 CGPA
WORK EXPERIENCE	<p>Oracle Financial Services Software Limited, Mumbai Nov 2014 to June 2016</p> <p>Position: Associate Applications Developer</p> <p>Responsibilities:</p> <ul style="list-style-type: none"> Worked on Product Security for Flexcube, a retail banking product; I was responsible for identification of vulnerabilities in the product code and fixing them to prevent issues like SQL Injection, Cross Site Scripting, XML Entity Expansion, Weak Encryption, Race Condition, etc. I have also worked on the Uploads framework of our product as well as developed an API for integrating our product's backend with any frontend the banks use. <p>Skills: JAVA, XML, JavaScript and PLSQL</p>			
INTERNSHIPS	<p>Blisstering Solutions Pvt. Ltd. June 2014 to October 2014</p> <ul style="list-style-type: none"> Worked on m2serve, which is a Mobile App Development platform, that supports cross-platform (Android and iOS) development and minimizes the coding effort involved. The project used Backbone.js framework on the front end while the back end code generator was written in php with database used being MySQL. <p>Rajasthan Electronics and Instruments Ltd. May 2013 to July 2013</p> <ul style="list-style-type: none"> Worked on a project on 'Banking System in Rural Areas' that was based on writing code for an 8032-microcontroller based Portable Programmable Data Terminal (PDT) handheld device, which could be used for working out deposits and withdrawals in rural and remote areas. 			
PROJECTS	<p>Study of Effects of Shot Noise on Fiber-Optic CDMA Sep 2013 to Mar 2014</p> <ul style="list-style-type: none"> Studied various aspects and effects of shot noise on the Multiple Access Interference in a Fiber-Optic CDMA communication channel and verified them by plotting graphs in MATLAB. <p>Smart Home Automation Using Speech Recognition May 2013 to July 2013</p> <ul style="list-style-type: none"> The project involved controlling various devices directly through voice commands. Speech control was incorporated using a speech recognition software and limiting its library using Visual Basic. Circuit was designed in Proteus professional tool using the 8052 microcontroller and its coding was done in dynamic C language using Keil uVision tool using interrupts. 			
SKILLS	<p>Languages: C, Java, JavaScript, HTML</p> <p>Relevant Coursework:</p> <p><u>Graduate Level Courses:</u> - Analysis of Algorithms, Distributed Operating Systems Principles, Elements of Machine Intelligence</p> <p><u>Undergraduate Level Courses:</u> - Computer Networks, Computer Architecture, Neural Networks</p> <p>Certifications: Machine Learning by Stanford University on Coursera</p>			
AWARDS & RECOGNITION	<ul style="list-style-type: none"> Secured Second position in an Android App Builder Event at the National Level within the organization OFSS. Secured All India Rank 2845 (State Rank-496) out of around 12, 00,000 students (percentile-99.76) in All India Engineering Entrance Examination (AIEEE) – 2010 Secured All India Rank 445, and State Rank 70 (percentile of 97.64) in the National Science Olympiad, 2009 			
EXTRA-CURRICULAR ACTIVITIES	<p>Positions of Responsibility:</p> <ul style="list-style-type: none"> Worked as the 'Executive' for the robotics workshop in Primavera-12, a National Level Techno-Cultural Fest of MNIT, Jaipur. Worked as the 'Event head' for a robotics event Twist-O-Lane in Neuron-12, a National Level Technical Fest of MNIT, Jaipur. <p>Hobbies:</p> <ul style="list-style-type: none"> Swimming, Playing Cricket, Soccer, Reading Technology Blogs 			