

MOHAK RAJENDRA

EXPERIENCE

PERIOD	Oct 2014	
PROJECT	Integrated Content Experiences	Microsoft, Vancouver
COMPANY	Microsoft Canada Development Center	
	I am part of Android Apps team in ICE.	
PERIOD	August 2013 — Oct 2014	
PROJECT	vCenter Operations Manager	Vmware, Bangalore
COMPANY	Vmware India	
	Core backend Java developer, developing vCenter Operations Manager to intelligently automate virtual environment performance, capacity planning and configuration management.	
PERIOD	May 2012 — July 2012	
PROJECT	OpenCL code converter	CDAC, Bangalore
GUIDE	Ganga prasad Assoc Director	
	This project aimed at automatic conversion of serial c code to parallel opencl code on any suitable devices	
PERIOD	June 2011 — July 2011	
POSITION	Intern	BEEVOLVE, Bangalore
GUIDE	Goldee Founder of Beevolve	
	Development of Chat bot for suggesting users on the product and entertaining them. An Application using Facebook, Twitter api and showing the conversations in a magazine format(flipboard)	
PERIOD	May 2011 — June 2011	
POSTION	Intern	IISC, Bangalore
GUIDE	Ajay Phd Scholar	
	Its an initial stage of the NP-MICAV program a national initiative by Govt. of India. Developed an web application for three dimensional (3-d) rendering of structures using Web-GL and development of website for the project mostly with HTML5, Javascript and Mysql	

EDUCATION

PERIOD	July 2009 — July 2013	
DEGREE	B-Tech in Computer Science	
GRADE	8.01	
UNIVERSITY	National Institute of Technology	Surathkal, Karnataka

PERIOD	June 2008 — June 2009	
PREUNIVERSITY	Karnataka State Board	
PERCENTAGE	84.3 (PCM 95.6)	
COLLEGE	Sharada Pre University	Mangalore, Karnataka

PERIOD	June 2007 — June 2008	
BOARD	C.B.S.E	
PERCENTAGE	90.6	
SCHOOL	Jawahar Navodaya Vidhyalaya	Balehonnur, Karnataka

PROJECTS

- **EWALLET**
Web based financial management service. It tracks and monitors all your budget and spending. Analyses and interprets your financial situation graphically. Also predicts next month spending using ML algorithms.
- **VIRTUAL CLASSROOM**
Virtual Classroom is a simulated classroom via Internet, which provides a convenient communication environment for distance learning
- **INTRUSION DETECTION SYSTEM**
(Major project) A hybrid approach to anomaly detection using fuzzy logic tuned with evolutionary algorithms <https://github.com/kdgrocks/IntrusionDetectionSystem>
- **MACHINE LEARNING PROJECTS**
 - DOCUMENT FILTER: A Document classifier built using Fisher and NaiveBayesian Classifier <https://github.com/kdgrocks/Angel-of-Death>
 - GENETIC PROGRAMMING : Genetic programming methodology to obtain a function for a given data set <https://github.com/kdgrocks/GeneticProgramming>
 - OPTIMIZATION PROBLEMS : Room allotment problem in hostels is solved using multiple optimization algorithms such as RandomFinder - HillClimbing - Stimulated Annealing - Genetic Algorithm <https://github.com/kdgrocks/La-Bestia>
 - SEARCH ENGINE: An intelligent Search engine using Pagerank algorithm and trained using neural networks <https://github.com/kdgrocks/jack-ripper>

SKILLS

Computer Languages	C, C#, C++, Python, Octave, Java,
Web Development	Html, Css, JavaScript, Django
Graphics	OpenGL, WebGL
Databases	MySQL, Postgres
Tools	Git, Vim, Logism, Visual Studio, Shell scripting

ACTIVITIES

Awarded 3rd Place in Contrive National level Competition 'ENGINEER' 2010

Awarded 2nd Place in Marathon an National level Competition 'ENGINEER' 2011

Attended a research workshop on graph theory and algorithms by TIFR, Mumbai

Awarded as the Eccentric employee with the highest rating.

Co-founder of a social group BOARDMYBUS in NITK

Active member of NITK LUG and WEB CLUB

Active NCC Cadet