

# VAIBHAV YENAMANDRA

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## EDUCATION

M.S. Computer Science, University of Florida (CGPA: 3.44/4)

Aug 2016 — Aug 2018 (Est.)

**Coursework:** *Mathematics for Intelligent Systems, Analysis of Algorithms, Computer Networks*

B.E.(Hons) Electrical and Electronics Engineering, BITS-Pilani (CGPA: 6.68/10)

Aug 2010 — May 2014

**Coursework:** *Analog and Digital VLSI Design, Microelectronic Circuits, Communication Systems*

## WORK EXPERIENCE

*Business Analyst*, Capgemini India Pvt. Ltd., Mumbai

Aug 2014 — Jul 2016

- Acted as liaison between business, development and QA stakeholders to ensure deliverables were met
- Automated 6 of 8 offshore reports resulting in total weekly time savings upwards of 4 hours
- Completed AINS-21, a general insurance certification offered by the AICPCU

*Intern*, Yardstick Educational Initiatives Pvt. Ltd., Hyderabad

Jul 2013 — Dec 2013

- Developed hands-on learning solutions for schoolchildren to improve scientific, mathematical concept retention
- Implemented a rubric to gauge the impact and retention of students using Yardstick's tools

## SOFTWARE DEVELOPMENT

*Maintainer*: SciRuby's '[distribution](#)' repository

Jun 2016 — Present

Added *ruby* implementations of uniform and binomial distributions and their random number generators. The 'distribution' gem contains statistical distributions and their random number generators written in plain *ruby*

*Author, Maintainer*: '[statistical](#)' gem

Feb 2016 — Present

*Statistical* is a *ruby* gem that aims to provide fast C implementations of various kinds of random number generators, statistical tests and primitives in a highly modular API. It is currently under active development

*Author*, [PCGRandom](#) gem

Mar 2016 — Present

PCGRandom is a ruby wrapper for the Permuted-LCG ([PCG](#)) family of random number generators created by Prof. Melissa O'Neill. This library aims to achieve higher quality randomness in comparison to ruby's default pseudo random number generator. It is currently under active development.

*Author*, [py-strawpoll](#)

Aug 2015 — Sep 2015

*py-strawpoll* is a *python2* wrapper for the *JSON API* provided by [strawpoll.me](#). It allows users to fetch results for a specific poll id or URI as a python object, also performing elementary inferences on the results

*Skilled*: C, Ruby; *Intermediate*: Java, JavaScript, Python

## POSITIONS OF RESPONSIBILITY

*UX Redesign*, Capgemini India - Farmers Insurance Account

Feb 2015 — Mar 2013

- Coordinated a team of 4 to prototype a modern UI for Farmers Insurance's claims management application
- Study usage to re-arrange key data fields into a single page application to minimize information access time

*Developer*, Picaption, APOGEE-2013

Feb 2013 — Mar 2013

- Developed and deployed an in-house *PHP* web-application to simplify registration and submission for participants of "Picaption" an online caption-the-photo competition by BITS-Pilani's Poetry Club

*Core Member*, Rap Wars 2.0, Oasis 2012

Oct 2012 — Nov 2012

- Member of team responsible for publicity and branding of "Rap Wars 2.0" an all India competitive platform for independent Hip-Hop artists as a part of BITS-Pilani's Poetry Club

## EXTRACURRICULAR

Poetry enthusiast and amateur poet

Competitive programmer and code-golfer