

VAIBHAV YENAMANDRA

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EDUCATION

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

Aug 2016 — Aug 2018 (Est.)

Coursework: *Programming Language Principles, Analysis of Algorithms, Pattern Recognition, Machine Learning*

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 daily time savings upwards of 3 hours

PROJECTS

Machine Learning: **Speech To Text**

Jan 2017 — Present

Speech recognition application written in Python3, built from scratch. This implements a time-delay neural network for ensuring low recognition latency.

Pattern Recognition: **Object Detection in Images**

Jan 2017 — Present

Implemented, trained a neural network using tensorflow for detecting objects in images.

Computer Networks: **schat**

Aug 2016 — Sep 2016

SChat is a *Java* based multi-threaded chat application bundling a client and a server. It allows users to run a single room chat server with multiple client connections. Clients may exchange files or text using predefined commands.

Statistics, Open-Source: **'statistical'**

Jun 2016 — Present

A *ruby* library to provide a simple accurate and fast interface for generating random numbers from various source distributions. It provides various statistical primitives that are not available in *ruby* by default. It is currently under active development.

Statistics, Open-Source: **PCGRandom**

Mar 2016 — Present

PCGRandom is a ruby wrapper for the Permuted-LCG (**PCG**) family of random number generators. This library aims to achieve higher quality randomness in comparison to ruby's default pseudo random number generator. It is currently under active development.

Programming Languages: (Advanced) C, Ruby, Python; (Intermediate) Java, Go

POSITIONS OF RESPONSIBILITY

Project Leader, Course Scheduler, UF Open Source Club

Feb 2017 — Present

- Acted as primary point of contact for any information related to the project by taking ownership of it
- Prepared development plans and milestones to serve as checkpoints for building application

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

EXTRACURRICULAR

Active member of, contributor at UF Open Source Club

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