

DIVYA MADHAV KAMATH

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OBJECTIVE

To continuously enhance my knowledge, skills and experience and utilize them to earn opportunities to showcase my capabilities leading to growth of my career.

ACADEMIC DETAILS

Degree	School/College	University/ Board	Year of Passing	Percentage/ CGPA
BE in Computer Science & Engineering	Sri Jayachamarajendra College of Engineering, Mysuru	Autonomous (Affiliated to VTU)	2019	9.45*/10.00
Class XII	Little Rock Indian School, Brahmavar, Udupi	CBSE	2015	88.6.%
Class X	Little Rock Indian School, Brahmavar, Udupi	CBSE	2013	9.6/10

*After 5 Semesters

INTERNSHIPS

- Compiler Tree Technologies** **December 2016, June 2017 – July 2017**
As a software engineering intern, explored advanced data structures and some data mining algorithms. Worked on LLVM with basic implementations.
Skills Acquired: C Programming, Data Structures, Algorithms, LLVM

PUBLICATIONS

- A Novel Deterministic Framework for Non-Probabilistic Recommender Systems**
A framework based on Collaborative Filtering recommendation. Presented the paper in IEMIS 2018, Kolkata, the proceedings of which will be published in Springer AISC.

PROJECTS

- LLVM Opcode Counter** **June 2017 – July 2017**
A project to simulate the generation of machine codes. Also counted the number of discrete codes for a given binary.
Skills Acquired: LLVM, Understanding complex code base
- Automatic Text Summarization** **October 2017**
A project that summarizes the input document using extractive summarization techniques and NLTK library.
Skills Acquired: Python

- Hand Gesture Recognition System** **March 2018 – Present**
 A project which uses artificial neural networks along with backpropagation technique to recognize hand gestures.
Skills Acquired: Python, Keras, Pillow
- MicroMart** **October 2017 – November 2017**
 A mini - supermarket that provides interface for grocery shopping as well as for management activities by admin.
Skills Acquired: MySQL, Java
- Movie Recommender System** **August 2017 - September 2017**
 A working recommendation system made of collaborative filtering technique. Implemented various algorithms to efficiently match users.
Skills Acquired: Python, Ability to read and implement complex research papers

TECHNICAL SKILLS

Programming Languages & Techniques	
Beginner	Intermediate
Java, Python, Algorithms	C Programming Data Structures
Tools - Git, GDB	
Platforms - Linux (Ubuntu), Windows	

EXTRACURRICULAR & AWARDS

- Joint Secretary**, IEEE-SJCE Women In Engineering, 2017-18
- Lead**, Python Focus Group of IEEE-SJCE, 2016-18
- Anchor**, Orientation Programme (IEEE-SJCE) and FUNIX (LCC-SJCE)
- Volunteer**, Divya Deepa Trust as a part of Prayas, IEEE-SJCE
- Creativity Volunteer**, CSI Technologix '16
- Winner**, BugC and Kayaka, CSI -SJCE Technologix '17