

Ranganath Pai M

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PROFILE

- Student looking for internship opportunities to learn more about application development and solving real world problems using concepts learnt in the class.

EDUCATION

National Institute of Technology Karnataka, Surathkal

Karnataka

B. Tech in Information Technology

2014-2018

Semester	GPA
I	8.47
II	8.5
III	8.88
Overall (CGPA)	8.63

Little Rock Indian School, Brahmavar

Karnataka

High School (CBSE Board)

2014

10th Boards CGPA : 9.4

12th Boards Percentage: 96.2%

EXPERIENCE

Pecfly

Bangalore

Intern

2015

- Worked on the Android side in the development of the Pecfly app
- Learnt the Android app development workflow
- Fixed bugs and added small features in the app.
- Created the sliding window and investigated for memory leaks in the app.

TECHNICAL SKILLS

- Proficient in C, Java, Python and C++98
- Basic knowledge of HTML, CSS, Android
- Other : Git, Bash, Photoshop
- Ability to pick up languages and new technologies quickly

PROJECTS

Empiro – Empire Management Game Surathkal

Mini Project for Paradigms of Programming – I 2015

- Made use of concepts learnt in this course such as OOP concepts, Multithreading, File Streams, Swing framework for GUI and others
- Created bots which play along with the player in the background.
- Features such as resource harvesting, diplomacy, trading and war implemented.

Logo Interpreter in Python Surathkal

Mini Project for Paradigms of Programming – II 2016

- Learnt how an Interpreter works and implemented a basic version in Python.
- Used PyGame library for the graphics part of Logo
- Implemented all basic features of Logo such as turtle movements and loops.

Typist – Android Based Typing Game Surathkal

Mini Project for Object Oriented Analysis and Design course. 2016

- Created a multiplayer typing game which works over Bluetooth
- Implemented two modes, namely, Para modes and Burst mode which can both be played in either singleplayer or multiplayer mode.
- The game can be used to measure the typing speed on an Android device.

Scrapers

- Bing WP Scraper – Python scraper using requests library to pull the Bing Image of the Day to a local directory and set it as the wallpaper (Windows)
- CET Rank Scraper – Python scraper using requests library to pull the data of students from the CET website and save them in an Excel worksheet.

Hackathons

- Created a game in Unity engine using C# for Microsoft's code.fun.do campus hackathon.

PERSONAL INFORMATION

Date of Birth – 23rd October 1996

Languages Known – English, Hindi, Kannada, Konkani

Native – Kundapura, Udupi District, Karnataka, 576 201`

Gender - Male