

Balamurali M

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Experience & Positions of Responsibility

- **Treasurer and active member**, Tinkerhub Chapter [2017-18]
[Tinkerhub Foundation](#) is a non-profit initiative aimed at empowering young people with technical and social skills.
- **Interrim treasurer**, IEEE, RIT chapter [2018]
Operated as interim treasurer for IEEE - RIT during new admissions in the absence of treasurer.
- **Committee member**, Onehack [Feb 2018]
Event organising committee member for Onehack; RIT's first 24-hour hackathon conducted during RITU 2018. Involved in discussion on selection of topic for the event and other volunteer work.

Skills

- **Programming Languages** : Proficient in Python, C, HTML5, JavaScript, Node.js, Java, shell script and markdown.
Familiar with C++.
- **Tools** : Git, Gdb, Adb, Jekyll, Vim, VS code, Gimp, Photoshop, Openshot
- **Platforms** : Fedora Linux, Ubuntu Linux, Arch Linux, Windows

Hobbies

- Tweaking my Linux system to use less RAM and to be a faster programmer.
- Working out.
- Browsing Reddit & Instagram.

Education

- Rajiv Gandhi Institute of Technology, Kottayam [2016-Present]
B.Tech Computer Science, CGPA: 8.1
- N.S.S Higher Secondary School, Kottayam [2016]
12th, Percentage: 96.33%

- Bishop Speechly Vidyapeeth, Kottayam [2014]
10th, Percentage: 92.5%

Internship

- **National Informatics Centre**, District Collectorate Alappuzha [July 2019]

Automated spreadsheet work related to *Rebuild Kerala* Project using Python and `openpyxl` library and also learned about the network architecture of Kerala State Wide Area Network and National Knowledge Network.

Achievements

- **86% in NPAT** in first year National Programming Aptitude Test conducted by NPTEL in association with ACM India and powered by Google
- **Handled data of 1400+ students**
I was entrusted with the task of collecting and organizing the data of students of RIT about their transportation details by the acting College Bus Representative.
- **1st place**, Rush hour
Technical quiz event conducted during RITU 2k18 conducted by MCA department of RIT.

Portfolio

- **My Setup** github.com/balamurali27/dotfiles
I use a custom window manager ([awesome](#)) to get better performance on my laptop. I wrote a script to automate installation of my setup on other systems.
`Shell script`
- **Voyager** github.com/chimichanga17/Voyager
An app that guides you which buses to take so as to reach a particular destination.
`Google maps API, HTML5, CSS, JS, Cordova, Node.js`
- **death-node-server** github.com/balamurali27/death-node-server
A simple way to stream your media across all your devices.
`Node.js, Express.js`
- **betterlockscreen** copr.fedorainfracloud.org/coprs/balamurali27/betterlockscreen
Packaged a lockscreen software for rpm based Linux distributions.
`rpkg`
- **booker** github.com/balamurali27/booker
A tool that automatically books an item on flipkart.
`Python, Selenium`