# Chirath R

*Resume*

*Block N.O. : 763, Kallar P.O, Thookkupalam, India - 685552*
✆ *+9185801861*
✉ *chirath.02@gmail.com*
🖥 *http://chirathr.me/*

## Career Objective

To excel in Computer Science with hard work, perseverance and dedication and use my knowledge for the betterment of humanity.

## Education

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|---|---|
| current | **BTech. in Computer Science and Engineering**, *Amrita Vishwa Vidyapeetham*, Kollam, Kerala, India, **CGPA: 9.24/10** . |
| 2014 | **CBSE**, *Vijayamatha Public School, Thookkupalam Idukki*, Kerala, India, Percentage: 88.8%. |
| 2012 | **CBSE**, *Vijayamatha Public School, Thookkupalam* , Idukki, Kerala, India, Percentage: 98% . |

## Areas of Interest

**Operating Systems, Algorithms, Internet Technologies**.

## Projects

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|---|---|
| Current | **OWASP Hackademic Challenge**. |
| | An application in Django and AngularJS to test knowledge on web application security. Link - https://github.com/Chirath02/hackademicDjango |
| | **Music Player**, *Android*. |
| | A simple music player for the android platform with a user friendly design. Link - https://github.com/Chirath02/MusicPlayer |
| 2016 | **MobileStore**. |
| | An online web app powered by Django and AngularJS that lists mobile phone details. Link - https://github.com/Chirath02/MobileStore |
| | **PIC16F877A-USART**, *Serial transmission between two PIC micro controllers*. |
| 2015 | **RiceRocks**. |
| | Final project for An Introduction to Interactive Programming, Coursera. Link - https://github.com/Chirath02/Coursera |
| | **iWash**, *a website for a Laundry start-up* . |
| 2014 | **Super Market Management System**, *Higher secondary school C++ project*. |

## Hackathons and Workshops

2016 **Raha Robotics conference**, *Amritapuri, India*.

Took workshop on Robotics for school students and taught them to operate a CNC machine.

**Django girls workshop**, *Thiruvananthapuram, India*.

Got selected as a coach to mentor students on Django app development.

**MediaWikiToLearn Hackathon**, *Amrita University, Amritapuri, India*.

Helped organize the hackathon by leading the design and marketing team.

**Sequoia Hack 2016**, *Bangalore, India*.

Worked with my team to create an Android application Lifeline, which aims to save life of accident victims.

2015 **Google Code In training**, *Amrita University, Amritapuri, India*.

Organized a 3 day workshop for Amrtiavidyalam teachers on open-source and Google Code In.

**Hack India 2015**, *Bangalore, India*.

Created a web app Ingre that lists out possible places to find items for a recipe.

2014 **FudCon'15**, *MIT, Pune*.

Attended conferences and workshops at the Fedora Users and Developers Conference, MIT COE, Pune.

## Courses

current **Design and Analysis of Algorithms**, *Stanford University, Coursera*.

**Computer Science 162**, *UCBerkeley*.

2016 **Shaping up with Angular.js, Ruby and Rails 4**, *CodeSchool*.

**Responsive Web Design Fundamentals**, *Udacity*.

2014 **An Introduction to Interactive Programming in Python**, *Princeton University, Coursera*.

## Publications

**October 2016** OSFY article : Setting up and Configuring ownCloud
This article introduces the reader to ownCloud, a free and open source private cloud platform which helps users to access, sync and share data.

## Achievements

2016 Got selected to attend **Sequoia Hack 2016**.

2014 Awarded a scholarship for merit seat in Amrita Universty, Amritapuri, India.

2009 – 2013 Subject topper in Computer Science, Higher Secondary School level.
3rd in collage poster making - CBSE Sahodaya district level.
1st in watercolor painting, pencil drawing school level

## Open Source Contributions

**Owasp Hackademic Challenges**, *Improved the design of docker challenges page.*.
https://github.com/Hackademic/hackademic/pull/210

**Firefox**, *Bug fix in Firefox browser - remove outset class from custom notification bar bindings, patch merged to main core*, Bug 1216941.

## Computer Skills

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|---|---|
| Advanced | Python, C, C++ |
| Basic | Java, Ruby |
| Web | HTML, CSS, PHP, Ruby, PostgreSQL, Javscript |
| Frameworks | Django, AngularJS, Ruby on Rails, jQuery, Twitter Bootstrap |
| Mobile | Android |
| Other | GNU/Linux, Windows, Git |

## Activities

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| **FOSS club** | Active member of Free and Open Source Software Club of our University. |
| **Volunteering** | Helped organize MediaWikiToLearn Hackathon. |
| | Took part in various charitable works of Mata Amritanadamayi Devi and volunteered for Amritavarsham 61 and 63. |
| **Campaigns** | Conducted a campaign at Alappuzha T D Medical College Hospital, to spread awareness about waste management and basic cleanliness. Prepared posters and brochures to spread awareness on cleanliness. |

## Interests

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|---|---|
| **Technology** | Computers, Mobiles, Gadgets |
| **Coding** | Solving problems and learning new programing languages |
| **Travelling** | Discovering new places and meeting people |
| **Designing** | Front end web development and poster designing |
| **Adventure** | Hiking, Driving |
| **Blogging** | Maintains an active blog containing technical posts, hacks and tutorials at https://chirath02.wordpress.com/ |