# Devi Krishnan

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🖥 https://devikrishnan.github.io/

https://github.com/devikrishnan

## Career Objective

**To seek a challenging position in an organization that gives me an opportunity to enhance my technical, logical and innovative skills in a vibrant working environment**.

## Education

| | |
|---|---|
| 2014 – current | **Bachelors in Computer Science and Engineering**, *Amrita Vishwa Vidyapeetham*, Kollam, Kerala, India, **CGPA: 8.51/10** . |
| 2014 | **All India Senior School Certificate Examination**, *Kendriya Vidyalaya Pangode, Trivandrum*, Kerala, India, Percentage: 94.2%. |
| 2012 | **All India Secondary School Examination**, *Kendriya Vidyalaya Pangode*, Trivandrum, Kerala, India, Percentage: 99% . |

## Achievements

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|---|---|
| January 2018 | Selected as an **Exchange Student** at **Aalto University**, Finland. |
| September 2017 | Awarded **Scholarship** to attend **Grace Hopper Celebration India(GHCI)** 2017 by Anita Borg Organisation. |
| June 2017 | Awarded **Scholarship** to attend **Summer School** on Data Mining and Bussiness Intelligence for Cyber Security Applications at **Ben Gurion University of Negev**, Israel. |
| April 2016 | Selected for **Google Summer Of Code 2016** under **Wikimedia Foundation** |

## Open Source Contributions

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|---|---|
| August 2015-2016 | Contributions to **Mediawiki Codebase and Extensions** Worked on MediaWiki core and its extensions with 15+ patches. Mediawiki powers Wikipedia and many other wikis used by millions of people. The contributions gave me an exposure into working with large codebases. Technologies used include PHP, HTML, Javascript, Git, Gerrit. **Profile:** https://gerrit.wikimedia.org/r/q/owner:"Devirk" |

## SELECTED PROJECTS

July-
December
2017
**Title:** Prediction model for Diabetes Mellitus in Gestational Diabetes Mellitus (GDM) patients
**Description:** Built a prediction model for detecting Diabetes Mellitus on patients with GDM on the dataset collected from Amrita Institute for Medical Science using Support Vector Machine and Naive Bayes. Did a comparative study on the results obtained. The algorithms were implemented in Python using Sci-kit Learn library.
**Repository:** https://github.com/devikrishnan/Prediction-Model—Diabetes

November
2016
**Title:** Computer Based Testing Software
**Description:** Wrote code for implementing a Computer Based Testing Software in java which enables faculty to register students and prepare the question paper and students are able to take the test and the results are published. It helped me in getting good experience at programming in Java

June 2016
**Title:** Contributors Extension
**Description:** The function of the extension is to provide the list of contributors to a page upon giving a request by providing the the name of the concerned page. Designed a database system for data retrieval and various other features including improving the UI, writing maintenance script for fetching data, fetching contributors to subpages, filtering anonymous users etc. The language used for development is PHP and MySQL.
**Repository:** https://goo.gl/pRQWZz

August 2015
**Title:** IWash- A website for Laundry start-up
**Description:** Built a portfolio website for a local startup near my University. The website handles basic forms. It helped me get familiar with web technologies like Bootstrap, Javascript.
**Repository:** https://github.com/devikrishnan/Chirath02.github.io

## COMPUTER SKILLS

Advanced | C, C++, Python and Python libraries for data science included in the Anaconda distribution including NumPy, pandas, SciPy, Scikit-learn.
Web | HTML, CSS, PHP, SQL, Javscript
Frameworks | Twitter Bootstrap
Other | GNU/Linux, Windows, Git

## Demonstrated Personal Skills

**Mentoring:** Mentor juniors of **FOSS@Amrita** in Git, Web basics, public speaking. Mentor at **SHE++**.

**Leadership:**Took up initiative for running the FOSS club actively.

## Extra Curricular Activities

**2014-present**  **FOSS@Amrita**: Active member of Free and Open Source Software Club of our University.

**December 2016**  Volunteered for **RAHA-Robotics and Automation for Humanitarian Applications** Conference conducted at Amrita University.

**December 2016**  Conducted Tutorial Session for school children on **CNC routers** at **RAHA** Conference conducted at Amrita University.

**October 2016**  Conducted session for women coders on **Introduction to Open Source** and **Awareness regarding role of women coders in computing world**.

**October 2016**  Conducted session for students of BNV Higher Secondary School at Trivandrum on **Introduction to Google Code In and Awareness on new technologies and it's uses**.

**September 2016**  Took part in various charitable works of Mata Amritanadamayi Devi including Amma's Birthday

**August 2015**  Volunteered with technical help for a 3-day **Google Code In** training camp conducted in Amrita school Of Engineering for High School Teachers to get school students to Open Source code and development.

**June 2015**  **Gitamritam**: Actively participated in one week Bhagavd Gita event conducted in ASE,Ettimadi.

## Interests

**Reading**  Science Fiction, Fiction, Indian History, Biography, Bhagavad-Gita