Devi Krishnan

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🖥 https://devikrishnan.github.io/

https://github.com/devikrishnan

Objective

To seek a research career in computer science that gives me an opportunity to enhance my technical,logical and innovative skills and use it to solve real world problems.

Education

2014 – current	**Bachelors in Computer Science and Engineering**, *Amrita Vishwa Vidyapeetham*, Kollam, Kerala, India, **CGPA: 8.52/10** .
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

November 2016	Member of the only team selected from India to be part of **Hague Hackathon for Good** organized by Municipality of Hague in Netherlands
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**

Work Experience

September 2018-present	**Technical Associate** *Corporate and Industry Relations(CIR) Department, Amrita Vishwa Vidyapeetham, Amritapuri Campus* Mentoring and providing technical assistance to coursework development for Free and Open Source (FOSS) club students .

OPEN SOURCE CONTRIBUTIONS

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: Implemented a software in Java which provides functionality to assess a student by a faculty. It provides a platform wherein the results of the evaluations are published.

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

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	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.

Interests

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