Vineeth Narasimha Reddy

Nationality: Indian

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Date of birth: 14/11/2000

Gender: Male

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WORK EXPERIENCE

Data Analyst intern
KOC University [05/07/2021 – Current]

- https://www.ku.edu.tr/en/
City: Istanbul
Country: Turkey

Developing R packages for Gaussian processes that run Stan and expectation propagation. Help with research in Bayesian statistics and applications to political science. I worked under professor David Carlson in developing models in R on his research papers

EDUCATION AND TRAINING

BTech in Computer Science and Engineering
Manipal University Jaipur [06/2019 – Current]

Address: Dehmi Kalan, Off Jaipur-Ajmer Expressway,, 303007 Bengaluru (India)
Final grade : 8.51 CGPA

LANGUAGE SKILLS

Mother tongue(s):

Kannada

Other language(s):

English			**Hindi**		
LISTENING C2	**READING** C2	**WRITING** C2	**LISTENING** B2	**READING** B2	**WRITING** B1
SPOKEN PRODUCTION C1	**SPOKEN INTERACTION** C1		**SPOKEN PRODUCTION** B1	**SPOKEN INTERACTION** B2	

DIGITAL SKILLS

C C++ C Programming / Java Programming language / Web Development: HTML 5, CSS, JavaScript / GIT (GitHub) / SQL/MYSQL / Google Cloud Platform / Arch Linux / basic knowledge haskell / R Programing / R for statistics / Unreal Engine 4 Basic Knowledge / Stan programming

PROJECTS

SafePass-PasswordManager

[11/2020 – 01/2021]

A Password Manager like SafePass is used to store confidential data without worrying about security. This project demonstrates the usage of Data Structures and key algorithms. Concepts like pointers, stacks, queues, trees and encrytion. In this we use basic encryption to store details in it. All the stored information can be accessed under a username and master password that must be entered by the user to access the sensitive content. The user can create new entries and delete them based on his choice. Libraries like time.h, stdio.h, stdlib.h and math.h in C programming language were used to build this project

https://github.com/Vineeth-commits/SafePass-PasswordManager

Titanic---Machine-Learning-from-Disaster

I made a task which predicts endurance on the Titanic. This acclimated me with the machine language. Certain elements where set at first, and diagrams were plotted dependent on endurance rate by sex, ticket and traveler class.The packages used are ggplot2 and dplyr on Rstudio.

COURSES AND CERTIFICATES

Bayesian Statistics (by Duke University)

[01/2021 – Current]

This course describes Bayesian statistics, in which one's inferences about parameters or hypotheses are updated as evidence accumulates. I will be learning to use Bayes' rule to transform prior probabilities into posterior probabilities, and be introduced to the underlying theory and perspective of the Bayesian paradigm. This course will also detail about "Introduction to Probability and Data," "Inferential Statistics," and "Linear Regression and Modeling."

Version Control with Git (by Atlassian)

[01/2020]

The Version Control with Git course provided me with a solid, hands-on foundation for understanding the Git version control system.It build a strong conceptual understanding of the technology like merging, branching and git workflows.This course used Bitbucket (bitbucket.org) as the hosted provider for remote Git repositories.

R Programming (By Johns Hopkins University)

[02/2021]

The concepts I learned from the course are as follows -

- ○ Understand critical programming language concepts and configure statistical programming software
- ○ Make use of R loop functions and debugging tools
- ○ Collect detailed information using R profiler

Linux for Developers (By The Linux Foundation)

[05/2020]

I learnt about -

- ○ How to separate the kernel from the entire operating system
- ○ Making contributions to the kernel Graphical system, and how it works
- ○ Working at the command line Filesystem layout, partitions and monitoring utilities

Technical Support Fundamentals (By google)

[11/2019]

The concepts I learned from the course are as follows -

- ○ understand how the binary system works and understand what the Internet is and the impact it has in the modern world
- ○ learn how applications are created and how they work under the hood of a computer
- ○ utilize common problem-solving methodologies and soft skills in an Information Technology setting

Google Cloud Platform (from google)

[10/2020]

I performed the following labs -

- ○ Explore Machine Learning Models with Explainable AI and Integrate with Machine Learning APIs
- ○ Engineer Data in Google Cloud, perform Foundational Data, ML, and AI Tasks in Google Cloud
- ○ insights from Data with BigQuery

https://www.qwiklabs.com/public_profiles/e8be337b-f1bb-4ce9-8255-c184826bd9e5

Open Source Software Development Methods (By The Linux Foundation)

[05/2020]

The course aimed to teach me how to work in open source projects productively. It also briefed about the history of linux and the development of the kernel. A great insight about open source projects and the workflow was taught.