Srimanth Agastyaraju

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Summary

- Highly determined to obtain a challenging position in an organization that gives me an opportunity for launching my career while contributing to its growth.
- Self-motivated individual with a curious, analytical mind and a passion for Android Application Development and Artificial Intelligence.
- Proficient in Android app development using Android Studio.
- Versatile team-player with good communication, analytical, presentation and inter-personal skills.
- Sound knowledge of the math involved in Machine Learning.
- Basic knowledge of Machine Learning implementation using Python.

Skills

Languages: Python, Java, C, C++, JavaScript, jQuery, SQL.
Applications/Frameworks: Android Studio, Microsoft Office, Git, Dash (by Plotly).
Operating Systems: Windows, Linux.

Education

B. Tech in Computer Science / Sreenidhi Institute of Science and Technology. (2016-2020) (CGPA: 9.45)

Intermediate / Sri Chaitanya Junior College. (2014 - 2016) (Percentage: 97.4)

Schooling / Pace School. (2014) (CGPA: 9.8)

Activities

- Technical Head at the ECA club, SNIST.
- Mentored juniors and helped them in learning Android app development.
- Co-organized programming challenges in the ECA club in SreeVision 2K18 at SNIST.

Experience

Web Developer Intern / VolkSoft Technologies
(June 2019 – July 2019), On-site Internship.
- Assisted in the development of a stock market application using HTML, CSS, JS and jQuery.

App Developer Intern / Youth Empowerment Foundation
(May 2018 – June 2018), Remote Internship.
- Developed Soft Skills app and YEF app(prototype).
- Apps written in Android Studio using Java and XML.
- UI: Activities, Cloud backend: Firebase.

Projects   (More on GitHub).

Housing Prices Advanced (Kaggle):
- Regression analysis of Iowa Housing dataset containing 80 features.
- Data cleaning, Univariate analysis, Feature Engg. And Model Fit.

Data Explorer
- An application which allows the user to read and clean a relational dataset, build a few plots off the dataset and allows the user to select the features and the ML algorithm based on the plot info. Developed using Dash by Plotly.

Crypto Converter
- An application which retrieves the JSON data from the web and shows the results with the help of a RecyclerView.

News Reader
- A simple news reader app which uses Hacker News API and SQLite database to store and retrieve news articles.

Certifications / Professional Development   (View)

- Received NPTEL certification for the completion of **'Problem Solving through Programming in C'**.
- Participated in the **'MSMEthon 2K19'** conducted in the college.
- Completed the course **'Algorithmic Toolbox'** on Coursera by Alexander S. Kulikov, Michael Levin, Neil Rhodes, Pavel Pevzner, Daniel M Kane.
- Completed the course **'Machine Learning by Stanford University'** on Coursera by Andrew NG.
- Completed the course **'The Complete Android O Developer Course - Build 23 Apps!'** by Rob Percival and Nick Walter on Udemy.
- Received CCA (Cambridge Certification Authority) Level 1 and 2 certificates in Java.
- Received NPTEL certification for the completion of **'Introduction to Modern Application Development'**.