SRIMANTH AGASTYARAJU

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Education

Master's in Data Science | Indiana University Bloomington   *(May 2023)*
Bachelor of Tech in Computer Science | Sreenidhi Institute of Science and Technology (SNIST).   *(Apr 2020) (CGPA: 9.45/10)*

Skills

Programming Languages: Python, Java, C, C++, JavaScript (Angular, React, Node), SQL.
Applications/Frameworks: Android Studio, Microsoft Office, Git, Dash (by Plotly).
OS: Windows, Mac, Linux.
Certifications: 'Machine Learning' on Coursera - Andrew NG. | 'Problem Solving through Programming in C' on NPTEL. | 'Algorithmic Toolbox' on Coursera. | 'The Complete Android O Developer Course' on Udemy.
Languages: Native in Telugu, Fluent in Hindi and English.

Experience

Full Stack Development Analyst | Accenture Solutions Pvt. Ltd.   *Hyderabad, WFH, (Sep 2020 – Apr 2021)*
- Streamlined a MEAN stack application for an analytics platform to automate reporting jobs.
- Studied and implemented Full Stack Web Technologies such as MongoDB, Node.js, Express, Angular.js and React.js.
- Utilized Spring MVC for developing a web application framework and JSP for web page rendering.

Software Development Intern | WebileApps Pvt. Ltd.   *Hybrid Internship. (Jan 2020 – Jun 2020)*
- Remodeled a Java-based Android application (VPay) to minimize bugs and follow MVVM architecture.
- Developed a POC app for OCR and Image Recognition using Android SDKs to automate manual transcribing of pages.
- Engineered a website using Spring Boot and PostgreSQL from the ground-up.

AI Intern | Sentritec Software Solutions (OPC).   *Remote Internship. (Jun 2019 – Jul 2019)*
- Assisted in the development of a dashboard application using Python.

App Developer Intern | Youth Empowerment Foundation   *Remote Internship. (May 2018 – Jun 2018)*
- Prototyped Soft Skills app and YEF app.
- Apps written in Android Studio using Java and XML.

Projects

Data Explorer   *(Feb 2019 – May 2019)*
- An application which allows the user to read and clean a relational dataset, build 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.

Housing Prices Advanced (Kaggle)   *(May 2018 – Jun 2018)*
- Regression analysis of Iowa Housing dataset containing 80 features.
- Data cleaning, EDA, Feature Engineering and Model Fit.

Crypto Converter   *(Apr 2017 – May 2017)*
- An application which retrieves the JSON data from the web and shows the results with the help of a RecyclerView.

Activities

Technical Head at the Emerging Computer's Arena (ECA) club at SNIST.
Mentored and coached peers in Android app development.
Co-organized programming challenges at the ECA club, SNIST.