Sophia Grace Lydia D

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Technical skills:

- Programming in C.
- DBMS, Hadoop, Spark
- Basics of Java
- HTML5 & CSS

Area of Interest:

- Big Data
- Data Analysis.
- Data Science.
- Machine Learning.
- IOT (Internet of Things)

Certification:

- NPTEL certified IoT and DBMS.
- Completed Programming in Python through Intern Shala Trainings.
- B1 level in Cambridge Assessment English (BEC)
- Coursera: Introduction to HTML5, CSS3, Speak English Professionally, JavaScript animation for websites, storytelling, data visualization and games.
- Udemy: Python for beginners and DBMS fundamentals.

Career objective:

To be a promising icon of a line of business that offers both challenge and uniqueness to breed innovating and interesting career.

Education:

Panimalar Engineering College, Chennai	*2017-2021*
B.E, Computer Science Engineering – CGPA: 9.03	
Anna Adarsh Mat. Hr. sec school, Chennai	*2016-2017*
Class XII – 86.75 %	
Anna Adarsh Mat. Hr. sec school, Chennai	*2014-2015*
Class X – 95 %	

Internships:

Cognizant Technology Solution   *Chennai*

-Programmer Analyst Trainee (Intern)   *March 2021 – June 2021*

Sample work: [https://github.com/sophiagracelydia/Big-Data-Projects]

- Acquired skills on Database fundamentals, Java and Python.
- Trained on Hadoop, Hive, Pig, Spark, HBase and Scala.
- Skills obtained in Bigdata fundamentals & AWS Cloud.
- Worked on a project for credit card billing system using pyspark

Astrone Solutions Ltd, AICL Training   *Chennai*

-Associate Web Developer (Intern)   *May 2020 – Oct 2020*

Sample work: [https://sophiagracelydia.github.io/sampledoc/sampledoc/index.html]

- Trained on Sublime Text 3.0
- Designed and build Website's using HTML5 and CSS3
- Developed an E-commerce website using HTML5 and CSS.

VRSavvy Technologies Pvt, ltd   *Chennai*

-Junior Application Developer (Intern)   *Nov 2019 – Dec 2019*

- Trained on Arduino IDE 1.8 Software.
- Mobile App to the ESP32 connection with BLE using IOT.

Languages known:

- English
- Tamil
- Hindi
- French

Membership:

IEEE id: 95176994

CSI id: 01483273

Personal Information:

Father's name : D. David

Marital status : Single

Date of birth : 30.07.1999

Blood group : A +ve

Nationality : Indian

Address : NO:2/26

School street,

koyembedu,

Chennai-107.

Hobbies:

GitHub
(https://github.com/sophiagracelydia/)

Blogging
(https://medium.com/@sophiagracelydia)

Event Organizer
(https://sophiagracelydia.github.io/sketch/website/event.html)

Sketch
(https://sophiagracelydia.github.io/sketch/website/sketch.html)

Projects:

- Developed 'Braillo-Phone Integrated Communication Software for Visually Challenged & Hearing Impaired', for final year project. (https://github.com/sophiagracelydia/Braillo-Phone-Integrated-Communication-Software-For-Visually-Challenged-And-Hearing-Impaired)

- KoCare – Integrating mHealth with IoHT for Precision Livestock Monitoring. (https://youtu.be/q9MdFQgmhic)

- Developed an Exam Cell Management and Automatic Marksheet Generation System, for the pre-final year mini project.

- Automatic Power Detection Spectacles Detects the power in eye and sends a message to the user. (https://youtu.be/Hf7HfEvigtg)

- Implemented a "Plant Light Monitoring system" in the IoT Bolt platform using the bolt Wi-Fi module.

Presentation:

Presented a paper on Text to speech conversion based on human emotion in (ICRDE'19) conducted by Dhaanish Ahmed College of Engineering, Chennai.

Patents:

"*A Novel Approach-Braillo-Phone Integrated Communication Software for Visually Challenged and Hearing Impaired*" – Australia Patent No. 2021102464 – Date of Patent: June 23, 2021. (https://drive.google.com/file/d/1EgDkKWpg8k2y2E1bkN4ht24AyT_mruHB/view?usp=sharing)

- Co-developed a software which can convert voice into braille and vice versa.
- Increased efficiency by giving the output in dually challenged readable format.

Achievements:

- Bagged the first place in project expo conducted by CSI-Computer Society of India student chapter for the final year project.

- Awarded with The Best Student for the academic year 2015-16 and 2016-17 with a cash award.

- Bagged with cash award for department topper in the 4th semester for the year 2020.

- Anchored Pcteam2K18 & 2K20 the International Conference for phoenixes on Emerging Current Trends in Engineering and Management.

- District Level Kho-Kho player and house Captain for the school Kho-Kho team during the year 2015-17.