

# Darin Davis Johnson

DOB - 06 July 2004  
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Results-driven Software Engineer with a solid foundation in data structures, algorithms, and software development. Skilled in Python, Java, and C, with experience building high-performance applications. Passionate about developing scalable and efficient software solutions. Successfully contributed to real-world aerospace software development at HAL. Eager to bring problem-solving skills and technical expertise to impactful projects.

## PROFESSIONAL EXPERIENCE

### HINDUSTAN AERONAUTICS LIMITED (HAL)

Software Engineering Intern

**Bengaluru, India**

*April 2024 - May 2024*

- Developed the front end of a mission-critical software application for helicopter pilots using Java (Eclipse IDE).
- Integrated the interface to receive and display real-time data from a connected system over a secure LAN.
- Delivered 80% of the project within one month, completing the allocated tasks 50% faster than expected.

## EDUCATION

### CHRIST UNIVERSITY

Bachelor of Technology in Computer Science and Engineering with Data Science,  
Expected Graduation 2026

**Bengaluru, India**

*August 2022 - April 2026*

- Average GPA : 3.7/4
- Relevant coursework: Data Structures, AI, ML, Databases.

### ROYALE CONCORDE INTERNATIONAL SCHOOL

Class 12 - Successfully completed the prescribed course by the CBSE board with an average percentage of 86% in all my subjects (PCM-IP).

**Bengaluru, India**

*August 2020 - June 2026*

### S.T. VINCENT PALLOTTI SCHOOL

Successfully completed the prescribed course by the CICSE board with 96% overall.

**Bengaluru, India**

*May 2020*

## CERTIFICATIONS AND PROJECTS

### BRITISH AIRWAYS DATA SCIENCE VIRTUAL EXPERIENCE – FORAGE

*July 2023*

- Web scraping to gain company insights
- Predicting customer buying behaviour

### FACE DETECTION SYSTEM

*September 2024*

- Developed a real-time face detection application using Python, OpenCV and Haar Cascades.
- Implemented image processing techniques for accurate face recognition.

### NoSQL AND DBaaS 101 – COGNITIVE CLASS

*October 2023*

### INTRODUCTION TO CYBERSECURITY – CISCO

*June 2023*

## SKILLS

- Python
- Java
- C
- HTML
- MySQL
- Flask
- Problem Solving
- SDLC