

Ritwik Ghosh

COMPUTER SCIENCE ENGINEER



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Professional Summary

I am a B.Tech CSE undergraduate competitive coder and budding developer. I have decent knowledge in various programming languages such as **C, Java, C++, Python, Dart, HTML** and so on; I also am skilled in **Data Structures and Algorithms**. I have experience in using **Embedded Systems** using microcontrollers and other associated technical hardware. Currently I am engaged in exploring **Machine Learning** and **Data Science**, and on building mobile applications using **Flutter**, as these fields interest me greatly and I would love to implement them in my projects.

Alongside developmental skills I also know the basic principals of **Software Development**.

Goals

- I am seeking opportunities to implement my skill set in the industry where I get to work on practical applications.
- I am on the lookout for
 - greater exposure to developmental domains,
 - gain further experience, and
 - solve real world challenges.

I keep my skills regularly brushed up. I also deeply believe in investing in effective leadership and management skills, interpersonal skills for effective networking and communication, and also on discipline and thinking out of the box. I am a quick learner and very adaptable.

Academic qualification

Year	Qualification	Institution	Percentage/ CGPA
2021	B.Tech (CSE)	Amity University, Kolkata	7.95
2017	Senior Secondary (ISC)	St. Stephen's School	90.5%
2015	Secondary (ICSE)	St. Stephen's School	92.2%

Academic awards

- **Winner (1st prize), Codeplay** (coding event organised by St. Xavier's College, Kolkata, for its annual tech fest eXabyte).
- **Second position, X-coder 3.0**, organised by Amity University, Kolkata in association with Coding Ninjas.
- **25% scholarship** for the first academic year, Amity University, Kolkata.

Technical Knowledge

Programming Languages: C, C++, Java, Python, Dart, HTML, CSS, R, MySQL

Technologies: Embedded Systems, Application Development in Flutter, Internet of Things, Statistical Data Analysis, Machine Learning, Tableau, Arduino, Digital Electronics

Operating Systems: MacOS, Windows, Linux

Tools: Android Studio, Atom Editor, Sublime Text Editor, Pages, Keynote, Numbers, MS Word, MS Excel, MS Power Point, Adobe Lightroom

Key Projects

- **A Line Follower Robot Mouse:** It was an embedded systems project designed to follow a complex path and patterns optimised for speed. It was used in various technical fest competitions.
- **Business Card App:** A flutter app that serves as a digital business card, complete with a QR code to my website.

Other information

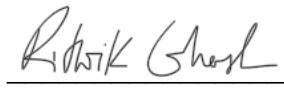
Website	https://ritwik-ghosh153.github.io
Social	https://www.linkedin.com/in/ritwik-ghosh-01ba01152/
GitHub	https://github.com/ritwik-ghosh153
Relevant skills	Problem solving, effective communication, adaptable
Hobbies	Travelling, photography, digital electronics, chess, martial arts
Languages	English, Bengali, Hindi, German
Date of birth	2nd January, 1999
Address	AF-120, Krishnapur, Kolkata-700101

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge and belief and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: 20th February, 2020

Place: Kolkata



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