# Sayannya Ghosh

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## Education

**B.Tech. in Information Technology** *Kolkata, India*
FUTURE INSTITUTE OF ENGINEERING AND MANAGEMENT,KOLKATA *Expected:June 2021*
- Secured a SGPA of 8.21

**AISSCE in Science(CBSE)** *Kolkata, India*
MAHADEVI BIRLA WORLD ACADEMY, KOLKATA *2017*
- Secured 85.4% marks.

## Internships/Projects

**Classification of drug molecules using Artificial Neural Network.** *Durgapur, India*
WINTER RESEARCH INTERN AT NIT, DURGAPUR *December-January 2018-2019*
- **Programming:** Python 2.7
- **Packages used:** Numpy, Pandas, Sklearn, Matplotlib, Mlxtend
- **Description:** Predicted active and inactive molecules using Feed Forward Neural Network and trained the network using Back propagation learning algorithm. Confusion matrix, ROC plot and Convergence plot are shown.In this experiment the classifier has achieved a precision score of 81.5 and recall Score 100.0. The classification accuracy is 62.96 % .

**Online Doctor Portal** *Kolkata, India*
SUMMER INDUSTRIAL TRAINING AT ARDENT COMPUTECH PVT. LTD. *June-July 2018*
- **Tools Used:** Adobe Dreamweaver CS6
- **Technologies Used:** Web Technologies (HTML, CSS, JavaScript and Boostrap)
- **Server:** XAMPP
- **Database:** MySQL
- **Description:**Designed and created a website where the customers will get all the information about the doctors according to their respective departments, with the facility of online booking.

## Skill Set

**Technical**

- Python, C(Basic), HTML, CSS, PHP

**Relevant Coursework**

- Data Structures using C(CS302),Computer Organisation(CS303)
- Problem Solving Through Programming in C(IIT Kharagpur)
- The Joy of Computing using Python(IIT Ropar)

## Achievements

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|---|---|---|
| 2018 | **NPTEL(IIT Ropar)**, | The Joy of Computing using Python |
| 2018 | **Microsoft Technology Associate**, | HTML5 Application Development Fundamentals |
| 2018 | **NPTEL(IIT Kharagpur)**, | Problem Solving Through Programming in C |
| 2015 | **AISSE**, | Scored a CGPA of 9.8 in All India School Secondary Examination by CBSE,India |
| 2010-2013 | **MBWA, Kolkata**, | Won awards for General Progress and Good Conduct |

# **Ext**racurricular Activities

- Member of the Nature Club in school.
- Won awards for art and craft in school.
- Participated in sports days and other intraschool competitions.
- Member of the Cultural Club of College.