

Joy Deep Saha

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## Google IT Support Certificate

Issued by: [Coursera](#)

Issued to: JOY DEEP SAHA

Issued on: 14 April 2022

### Description

Those who earn the Google IT Support Certificate have completed five-courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for entry-level roles in IT support. They are competent in foundational skills, including troubleshooting and customer service, networking, operating systems, system administration, and security.



Course Number: GOOG-0001 (v.1)

Total Credits: 12

Grade: Pass

### Credit Recommendation

- 6 semester hours in computer information systems. in the lower-division undergraduate category
- 3 semester hours in computer networking. in the lower-division undergraduate category
- 3 semester hours in cybersecurity fundamentals. in the lower-division undergraduate category



## Data Science Professional Certificate (V2)

Issued by: [Coursera](#)

Authorized by: IBM

Issued to: Joy Deep Saha

Issued on: 30 August 2023

### Description

The badge earner is ready for a career in data science with demonstrated ability to solve for real-world problems. They can apply Data Science methodology - work with Jupyter notebooks -

create Python apps - access relational databases using SQL & Python - use Python libraries to generate data visualizations - perform data analysis using Pandas - construct & evaluate Machine Learning (ML) models using Scikit-learn & SciPy and apply data science & ML techniques to real data sets.



**Course Number:** IBM-0017 (v.1)

**Total Credits:** 12

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in introduction to data science in the lower-division undergraduate category
- 3 semester hours in introduction to SQL programming in the lower-division undergraduate category
- 3 semester hours in introduction to Python programming in the lower-division undergraduate category
- 3 semester hours in advanced topics in data science in the upper-division undergraduate category



## Introduction to Cybersecurity Tools & Cyber Attacks

**Issued by:** Coursera

**Authorized by:** IBM

**Issued to:** Joy deep Saha

**Issued on:** 17 August 2020

**Description**

This badge earner understands the various types of malicious software and the evolution of security based on past cyber-attacks. They have gained an understanding of key cybersecurity concepts such as CIA Triad, Access Management, Incident Response, as well as key cybersecurity tools including firewall, anti-virus, cryptography, penetration testing and digital forensics.