

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.

AMERICAN COUNCIL ON EDUCATION TRANSCRIPT LEGEND

This official transcript contains credentials evaluated by the American Council on Education. The following policies apply only to ACE validated and endorsed credentials within the transcript. The American Council on Education's Learning Evaluations connects workplace learning with colleges and universities by helping adults gain access to academic credit for formal courses and examinations taken outside traditional degree programs. ACE is the national leader in the evaluation process for education and training obtained outside the classroom.

ACE Learning Evaluations reviews are conducted by experienced college and university faculty who assess the content, scope, and rigor of an organization's educational program and make appropriate recommendations for comparable college credit and competencies achieved by students. For more information on processes and standards for ACE reviews, visit <https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/Colleges-Universities.aspx>.

DEFINITIONS

American Council on Education Endorsement: Credentials that carry an ACE endorsement of recommended college credits or validated competencies are designated by the ACE logo in the left margin.

Name: Legal name as entered by the student at the time of transcript request. Because students may complete courses from multiple organizations, each credential also includes the name under which the credential was issued for tracking and verification if necessary.

Credly ID#: Due to a system of record change in 2019, student ID numbers may not match numbers on older ACE transcripts.

Issued on: The date when the student completed the associated credential.

Courses: ACE-endorsed credentials include a unique identifier that ACE assigns to courses and examinations. The letter prefix designates the organization providing the experience. Duplicates may appear if a student took and passed a course or examination more than once.

Credit Recommendations: Recommendations for college credit are designated in semester hour units (SH). Each recommendation includes a total number of SH credits recommended and a breakdown of one or more subject areas and credit levels. Levels for which recommendations are issued include Vocational/Certificate, Lower Division (100-200 level courses), Upper Division (300-400 level courses), and Graduate (500+ level courses).

Grade: ACE-endorsed credentials are only included on this official transcript if the student achieved a passing grade. ACE-endorsed courses and exams meet the following minimum grading requirements: Students must earn a minimum "C" grade for Vocational/Certificate, Lower Division, and Upper Division credit and a minimum "B" grade for Graduate level credit.

RESOURCES

Additional information on ACE-endorsed educational programs, such as learning outcomes, assessment methods, etc. can be found in the National Guide to College Credit for Workforce Training at <https://www.acenet.edu/national-guide/>. Military training and occupations that carry college credit recommendations can be found at The ACE Military Guide at: <https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/military-guide-online.aspx>.

Inquires: Please address inquiries to:
American Council on Education Learning Evaluations
One Dupont Circle NW, Suite 250,
Washington DC, 20036

Email: CREDIT@acenet.edu

Phone: 1-866-205-6267

Technical Support: For technical support, visit the Credly Help Center: <https://support.credly.com/hc/en-us>

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