

DAILY ASSESSMENT FORMAT

Date:	13 JULY 2020	Name:	HARSHITHA H
Course:	Mathematics for Machine Learning: Linear Algebra	USN:	4AL18EC020
Topic:	Week 1	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		

FORENOON SESSION DETAILS

Image of session

The screenshot shows the Coursera interface for a practice quiz titled "Exploring parameter space". The quiz is part of the "Mathematics for Machine Learning: Linear Algebra" course, Week 1. The user, Harshitha Poojary, has a grade of 52.50% and has not yet submitted the assignment. The quiz consists of 7 questions, including videos and practice quizzes. The interface includes a sidebar with course navigation, a main content area with the quiz title and progress, and a bottom section with a "Submit your assignment" button and a "View Feedback" button.

The screenshot shows the Coursera interface for a practice quiz titled "Solving some simultaneous equations". The quiz is part of the "Mathematics for Machine Learning: Linear Algebra" course, Week 1. The user, Harshitha Poojary, has a grade of 100% and has not yet submitted the assignment. The quiz consists of 5 questions, including videos and practice quizzes. The interface includes a sidebar with course navigation, a main content area with the quiz title and progress, and a bottom section with a "Submit your assignment" button and a "View Feedback" button.

The screenshot shows the Coursera interface for a practice quiz titled "Doing some vector operations". The quiz is part of the "Mathematics for Machine Learning: Linear Algebra" course, Week 1. The user, Harshitha Poojary, has a grade of 100% and has not yet submitted the assignment. The quiz consists of 7 questions, including videos and practice quizzes. The interface includes a sidebar with course navigation, a main content area with the quiz title and progress, and a bottom section with a "Submit your assignment" button and a "View Feedback" button.

Report –

MATHEMATICS FOR MACHINE LEARNING: **LINEAR ALGEBRA**

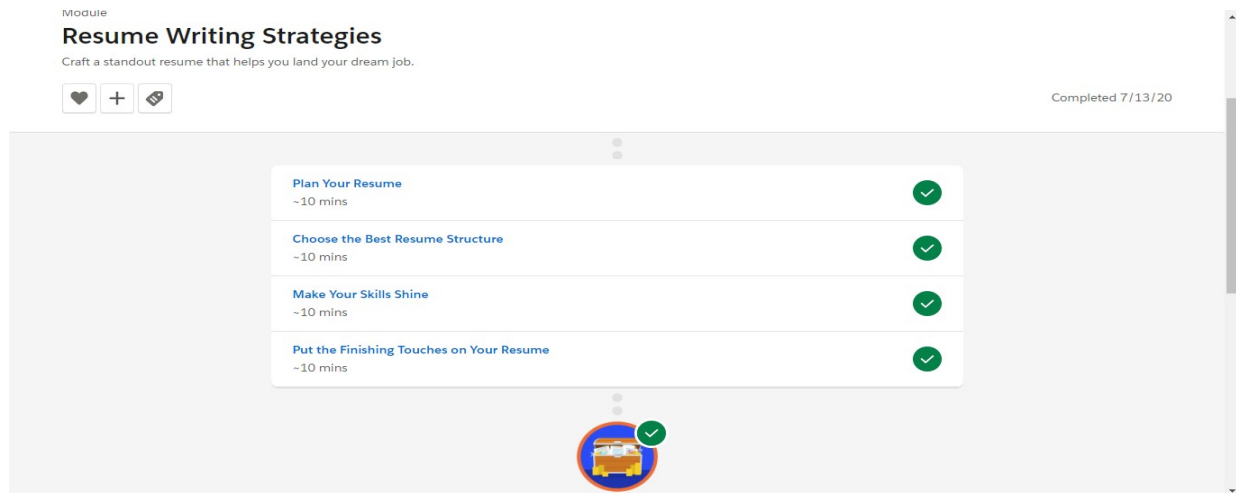
WEEK 1

- Relationship between machine learning, linear algebra, vectors and matrices
- Getting a handle on vectors
- Exploring parameter space
- Operations with vectors
- Summary

Date: 13 JULY 2020	Name: HARSHITHA H
Course: Salesforce (Developer)	USN: 4AL18EC020
Topic: Resume writing strategies	Semester & Section: IV SEM & A SECTION

AFTERNOON SESSION DETAILS

Image of session



REPORT:

- Planning the resume
- Resume structure
- Skills development
- Overall concluding the reume

REVISION CLASS:

IMAGES OF THE SESSION:

Microcontroller revision class(13.07.2020):

The screenshot shows a Zoom session. The main window displays a presentation slide titled "Microprocessors and Microcontrollers". The slide lists two categories: "General-purpose microprocessors" and "Microcontroller".

General-purpose microprocessors

- Must add RAM, ROM, I/O ports, and timers externally to make them functional
- Make the system bulkier and much more expensive
- Have the advantage of versatility on the amount of RAM, ROM, and I/O ports

Microcontroller

- The fixed amount of on-chip ROM, RAM, and number of I/O ports makes them ideal for many applications in which cost and space are critical
- In many applications, the space it takes, the power it consumes, and the price per unit are much more critical considerations than the computing power

The second slide is titled "Block Diagram OF 8051 Micro controller". It shows a central CPU connected to various components: External Interrupts, Interrupt Control, On-chip ROM for code, On-chip RAM, Etc. Timer 0, Etc. Timer 1, Counter Inputs, OSC, Bus Control, I/O Ports (P0, P1, P2, P3), and Serial Port (TXD, RXD). Address and Data lines are shown at the bottom.

On the right side of the screenshot, a Zoom chat window is visible. It shows a list of participants: Harshitha H (Me), Sudhakara H.M. (Host), 9a351d1e, 9AL18VS, and Abhishek Sarangapani. Below the list are buttons for "Invite", "Unmute Me", and "Raise Hand". The chat area shows a "Zoom Group Chat" and a message from Sudhakara H.M. (Privately).

Report:

- Block and pin diagram of 8051
- Difference between microprocessor and microcontroller
- Feature of 8051
- Registers
- Status of flag for each action