Skills Bootcamp Software Engineering

Prospective Lecture Schedule
Keep an eye on your dashboard to register for an upcoming lecture

1 November 2022	09:00 GMT	Pseudo Code + Your First Computer Program
2 November 2022	09:00 GMT	Variables - Storing Data in Programs
3 November 2022	09:00 GMT	The String DataTypes
4 November 2022	09:00 GMT	Numerical Data Types
8 November 2022	09:00 GMT	If/else if/else statements + Operators
10 November 2022	09:00 GMT	If/else if/else statements + Operators
15 November 2022	09:00 GMT	While Loop + For Loop
17 November 2022	09:00 GMT	Towards Defensive Programming I - Error Handling
21 November 2022	09:00 GMT	String Handling
24 November 2022	09:00 GMT	Beginner Data Structures - The List
29 November 2022	09:00 GMT	Working with external data sources - Input and output
1 December 2022	09:00 GMT	Beginner Data Structures - Lists and Dictionaries
6 December 2022	09:00 GMT	Beginner programming with Functions - using Built-in Functions Beginner Programming with Functions - Defining Your Own Functions
8 December 2022	09:00 GMT	Hypothesis-driven Debugging with the Stack Trace
13 December 2022	09:00 GMT	Beginner Data Structures - 2D Lists
15 December 2022	09:00 GMT	Towards Defensive Programming II
19 December 2022	09:00 GMT	Introduction to OOP I - Classes
20 December 2022	09:00 GMT	Introduction to OOP II - Inheritance

27 December 2022	09:00 GMT	Introduction to Version Control and Git + Git Basics
28 December 2022	09:00 GMT	Introduction to NLP + Semantic Similarity (NLP)
30 December 2022	09:00 GMT	Network protocols and System Architecture
3 January 2023	09:00 GMT	HTML overview
4 January 2023	09:00 GMT	CSS Overview
9 January 2023	09:00 GMT	Bootstrap: Build attractive pages faster using Bootstrap
12 January 2023	09:00 GMT	Introducing Django
16 January 2023	09:00 GMT	Introduction to Databases
18 January 2023	09:00 GMT	Design and Build a Relational Database
23 January 2023	09:00 GMT	Working with SQL
25 January 2023	09:00 GMT	SQLite

Skills Bootcamp Data Science

Prospective Lecture Schedule
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1 November 2022	13:00 GMT	Thinking Like a Programmer - Pseudo code + Your First Computer Program, and Using Variables
2 November 2022	13:00 GMT	The String Data Type
3 November 2022	13:00 GMT	Numerical Data Types
4 November 2022	13:00 GMT	Beginner Control Structures - The Boolean Data Type, if, else and elif Statements + Logical Programming - Operators
7 November 2022	13:00 GMT	Beginner Control Structures - While Loops
8 November 2022	13:00 GMT	Beginner Control Structures - For Loops
10 November 2022	13:00 GMT	Towards Defensive Programming I - Error Handling + String Handling
15 November 2022	13:00 GMT	Beginner Data Structures - The List + Working with External Data Sources - Input
17 November 2022	13:00 GMT	Working with External Data Sources - Output + Beginner Data Structures - Lists and Dictionaries
22 November 2022	13:00 GMT	Beginner Programming with Functions - Using Built-In Functions + Beginner Programming with Functions - Defining Your Own Functions
24 November 2022	13:00 GMT	Hypothesis-driven Debugging with the Stack Trace
29 November 2022	13:00 GMT	Beginner Data Structures - 2D Lists + Towards Defensive Programming II
1 December 2022	13:00 GMT	Introduction to OOP I - Classes
6 December 2022	13:00 GMT	Data Visualisation I + Data Visualisation II + Data Visualisation III
8 December 2022	13:00 GMT	Working with Datasets + Data Visualisation IV
13 December 2022	13:00 GMT	Data Analysis I + Data Analysis II + Exploratory Data Analysis
15 December 2022	13:00 GMT	Data Visualisation V
20 December 2022	13:00 GMT	Introduction to Databases

22 December 2022	13:00 GMT	Working with SQL and SQLite
27 December 2022	13:00 GMT	Introduction to Machine Learning + Supervised learning I: Simple Linear Regression
29 December 2022	13:00 GMT	Supervised learning II: Multiple Linear Regression + Supervised learning III: Logistic Regression
3 January 2023	13:00 GMT	Supervised learning IV: Decision Trees I
5 January 2023	13:00 GMT	Supervised learning V: Decision Trees II
10 January 2023	13:00 GMT	Unsupervised Learning I: Clustering I + Unsupervised Learning II: Clustering II
12 January 2023	13:00 GMT	Unsupervised Learning III: PCA
17 January 2023	13:00 GMT	Git basics