Software University

CERTIFICATE

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This certificate is issued by **Software University** to acknowledge that

Lencho Petrov Petrov

has successfully completed a course

Data Structures - January 2018

with **6.00/6.00**

Svetlin Nakov
Manager Training and Inspiration

COURSE CURRICULUM:

TOPIC	HOURS
Linear Data Structures - List and DS Complexity	4
Linear Data Structures - Stacks and Queues	4
Linear Data Structures - Exercise	4
Basic Tree Data Structures - Tree, Binary Tree	4
Binary Search Trees	4
Tree Data Structures - Exercise	4
Heaps and Priority Queue	4
B-Trees and Red-Black Trees	4
B-Trees and Red-Black Trees - Exercise	4
AA-Trees and AVL Trees	4
Rope and Trie	4
AVL and AA-Trees, Rope and Trie - Exercise	4
Quad Trees, K-d Trees, Interval Trees	4
Hash Tables - Sets and Dictionaries	4
Quad / K-d / Interval Trees, Hash Tables - Exercise	4
Combining Data Structures	4
Combining Data Structures - Exercise	4