

Blockchain Basics

By Coursera

17/07/2020 (Completed “Securing Blockchain” lesson and took quiz on that lesson)

The screenshot shows the Coursera interface for the 'Securing Blockchain' lesson. The left sidebar lists the course structure: Public-Key Cryptography, Hashing, Transaction Integrity, and Securing Blockchain. Under 'Securing Blockchain', there is a video titled 'Securing Blockchain' (4 min), an optional reading 'Resources: Securing Blockchain' (10 min), and a practice quiz 'Self-Check' (4 questions). The main content area displays the title 'Securing Blockchain' and a video player showing the 'Main components of Ethereum block:' with a list: Block Header, Transaction Hash, Transaction Root, State Hash, and State Root. Below the video player are buttons for 'Save Note', 'Discuss', and 'Download'. The bottom of the browser window shows the Windows taskbar with various application icons and the system clock at 8:39 PM.

The screenshot shows the 'Self-Check' quiz results page. At the top, a green banner reads 'Congratulations! You passed!' with 'TO PASS: 80% or higher' and a 'Keep Learning' button. The 'GRADE' is 100%. Below this, the 'Self-Check' title is followed by 'TOTAL POINTS 4'. The first question is: '1. In Ethereum, the block hash is the hash of all the elements in the _____. 1 / 1 point'. The options are: Transaction hash tree, Block header (selected), State tree, and Receipt tree. A green box indicates 'Correct! Correct!'. The second question is: '2. Merkle tree hash is used for computing _____. hash. 1 / 1 point'. The option 'state root' is partially visible. The bottom of the browser window shows the Windows taskbar with various application icons and the system clock at 8:51 PM.