



William Ting &lt;williamdjting@gmail.com&gt;

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**FW: Validate Tree**

1 message

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Fri, Jun 9, 2023 at 6:10 AM

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**From:** Daily Byte  
**Sent:** Friday, June 9, 2023 6:10:17 AM (UTC-08:00) Pacific Time (US & Canada)  
**To:** William Ting  
**Subject:** Validate Tree

## The Daily Byte

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Good morning,

Need help with yesterday's problem? Start getting solutions.

### Today's Byte

Given a binary tree, containing unique values, determine if it is a valid binary search tree.

Note: the invariants of a binary search tree (in our case) are all values to the left of a given node are less than the current node's value, all values to the right of a given node are greater than the current node's value, and both the left and right subtrees of a given node must also be binary search trees.

Ex: Given the following binary tree...

```
  1
 /  \
2    3
return false.
```

Ex: Given the following tree...

```
      2
     / \
    1   3
  return true.
```

Thanks,  
The Daily Byte

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