

***CHRISTIE®***





# Bruce Lee



# Bruce Lee



## On Programming

“Time means a lot to me because you see I am also a learner and am often lost in the joy of forever developing.”

“After all, all knowledge simply means self-knowledge.”



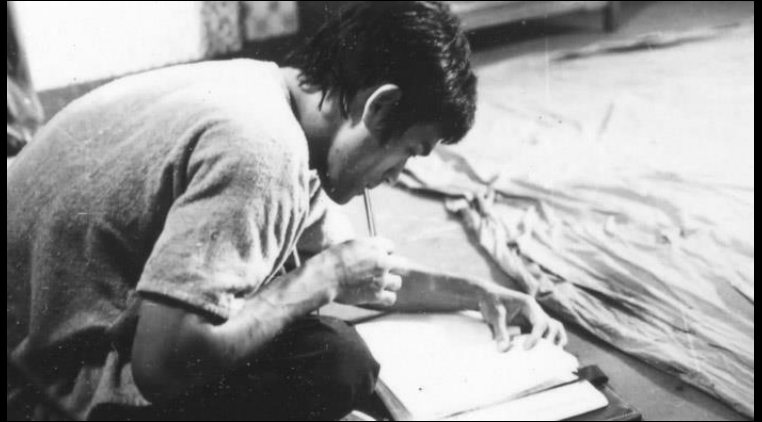
**CHRISTIE®**

“Time means a lot to me because you see I am also a learner and am often lost in the joy of forever developing.”

“After all, all knowledge simply means self-knowledge.”

“Life itself is your teacher, and you are in a state of constant learning.”

“Learning is never cumulative, it is a movement of knowing which has no beginning and no end.”



# On Coding



**CHRISTIE®**

## On Coding

“It’s not the daily increase but daily decrease.  
Hack away at the unessential.”



**CHRISTIE®**



## On Refactoring

"Adapt what is useful, reject what is useless,  
and add what is specifically your own."

"Use only that which works, and take it from  
any place you can find it."



**CHRISTIE®**

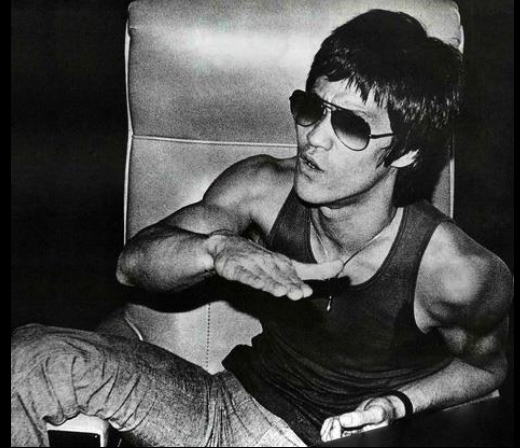
## On Prototyping

“If you want to learn to swim  
jump into the water. On dry land  
no frame of mind is ever going  
to help you.”



## On Being in the Zone

“Everything you do, if **not** in a relaxed state will be done at a lesser level than you are proficient.”





## On Object Oriented Programming

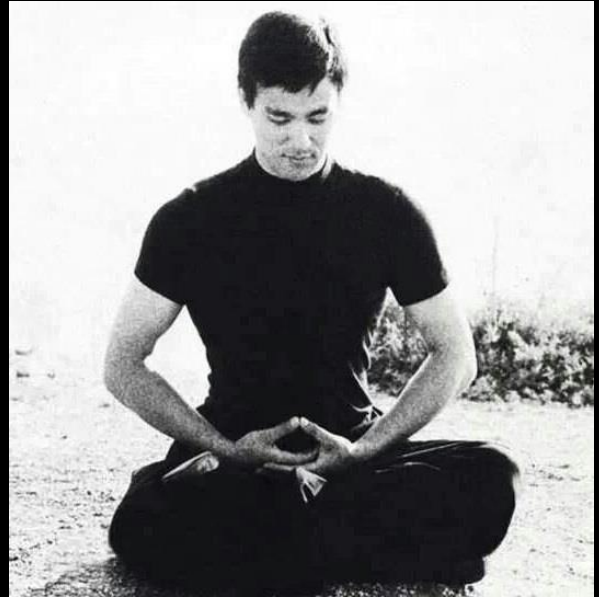


## On Object Oriented Programming

“The more we value things,  
the less we value ourselves.”

## On Design Patterns

“All fixed set patterns are incapable  
of adaptability or pliability.  
The truth is outside of all fixed patterns.”



## On Agile

“I try to live freely from moment to moment, letting things happen and adjusting to them.”



From Jackie Kay:

"I fear not the developer who  
has written 10,000 libraries, but  
the developer who has rewritten  
one library 10,000 times."



From Jackie Kay:

"I fear not the developer who has written 10,000 libraries, but the developer who has rewritten one library 10,000 times."





## On Ownership Semantics

“The possession of anything begins in the mind.”

## On Bounds Checking

“Life is wide, limitless. There is no border, no frontier.”



## On Bounds Checking

“Life is wide, limitless. There is no border, no frontier.”

REALLY???



## On Bounds Checking

“Life is wide, limitless. There is no border, no frontier.”

“There are no limits. There are plateaus, but you must not stay there, you must go beyond them. If it kills you, it kills you. A man must constantly exceed his level.”





## On the difficulties with `std::variant`



## On the difficulties with `std::variant`



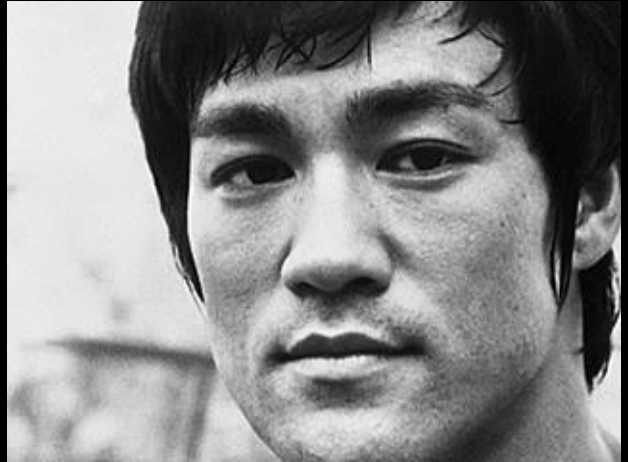
“In order to taste my cup of water  
you must first empty your cup.”



# On Regular Void

## On Regular Void

“Empty your cup so that it may be filled;  
become devoid to gain totality.”



# On being part of the C++ Committee

## On being part of the C++ Committee

“Take no thought of who is right or wrong or who is better than.  
Be not for or against.”

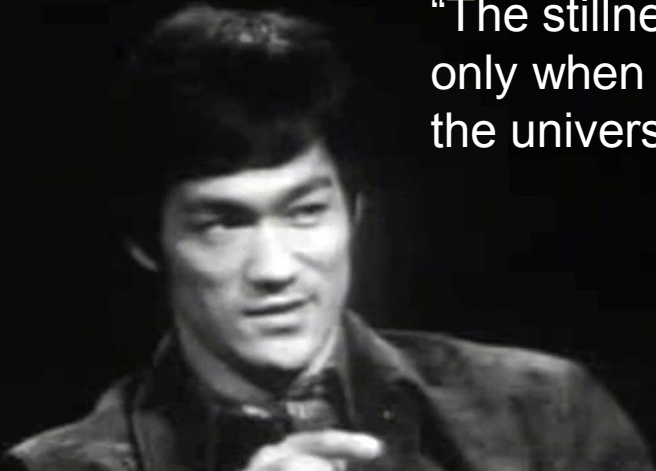


## On Move Semantics



## On Move Semantics

“The stillness in stillness is not the real stillness;  
only when there is stillness in movement does  
the universal rhythm manifest.”



## On default comparisons

“Reality is apparent when one ceases to compare. —  
There is “what is” only when there is no comparison at all, and to live with what is, is to be peaceful.”



# On C++ Core Guidelines



## On C++ Core Guidelines

“Obey the principles  
without being bound  
by them.”



## On C++ Core Guidelines

“Learn the rules like a pro,  
so you can break them like  
an artist.”

-- Pablo Picasso

1905



1941



## On Efficiency & Optimization

“To me, the extraordinary aspect of coding arts lies in its simplicity. The easy way is also the right way, and coding arts is nothing at all special; the closer to the true way of coding arts, the less wastage of expression there is.”



## On Efficiency & Optimization

“The less effort,  
the faster and  
more powerful  
you will be.”

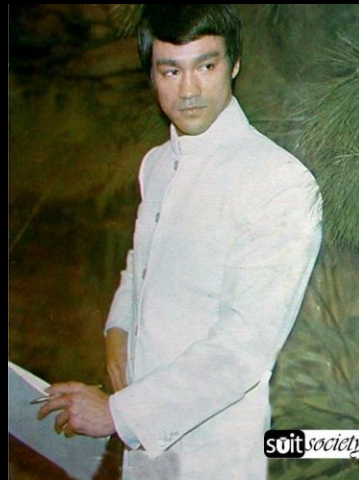




“A goal is not always meant to be reached, it often serves simply as something to aim at.”

## On Coding Style

“When one has no form, one can be all forms;  
when one has no style, he can fit in with any style.”



# On getters and setters

## On getters and setters

“It’s not what you give,  
it’s the way you give it.



## On getters and setters

“It’s not what you give,  
it’s the way you give it.”



## On getters and setters

“It’s not what you give,  
it’s the way you give it.”



## On getters and setters

“It’s not what you give,  
it’s the way you give it.



## On getters and setters

“It’s not what you give,  
it’s the way you give it.”



## On getters and setters

“It’s not what you give,  
it’s the way you give it.”



## On getters and setters

“It’s not what you give,  
it’s the way you give it.



## On getters and setters

“It’s not what you give,  
it’s the way you give it.”



## On getters and setters

“It’s not what you give,  
it’s the way you give it.”





## On getters and setters

“It’s not what you give,  
it’s the way you give it.



## On getters and setters

“It’s not what you give,  
it’s the way you give it.”



## On getters and setters

“It’s not what you give,  
it’s the way you give it.”



## On getters and setters

“It’s not what you give,  
it’s the way you give it.



# On Other Languages

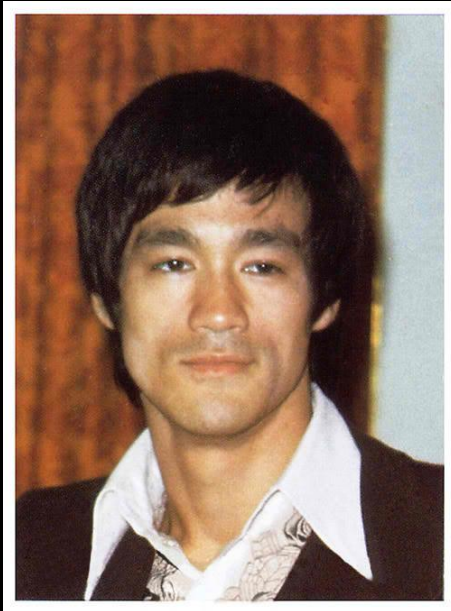


## On Other Languages

“Do not deny the classical approach, simply as a reaction, or you will have created another pattern and trapped yourself there.”

“As you think, so shall you become.”

- Bruce Lee



“Be like int.”

