MISCELLANEOUS

CS111 Lab Instructor: Chi Tse (Ricky)

C++ KEYWORDS

(Source: http://www.maths.manchester.ac.uk/~ahazel/EXCEL_C++.pdf)

auto	double	int	struct
break	else	long	switch
case	enum	register	typedef
char	extern	return	union
const	float	short	unsigned
continue	for	signed	void
default	goto	sizeof	volatile
do	if	static	while

Table 1: The 32 C keywords

asm	export	overload	throw
bool	false	private	true
catch	friend	protected	try
class	inline	public	typeid
const_cast	mutable	reinterpret_cast	typename
delete	namespace	static_cast	using
dynamic_cast	new	template	virtual
explicit	operator	this	wchar_t

Table 2: The 32 additional C++ keywords
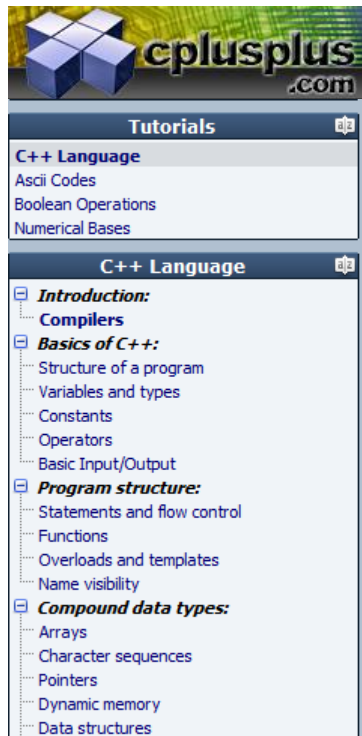
http://www.c4learn.com/c-programming/c-keywords/   http://en.cppreference.com/w/cpp/keyword

SOME C++ TUTORIALS
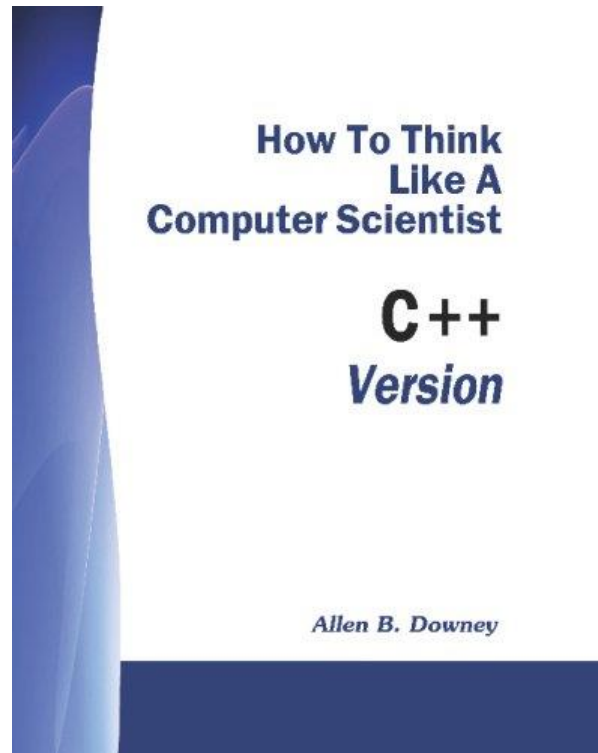
SOME C++ TUTORIALS

How to Think Like a Computer Scientist

C++ Version

by Allen B. Downey.

Download *How to Think Like a Computer Scientist: C++ Version* in PDF.

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**How To Think
Like A
Computer Scientist**

C++
Version

Allen B. Downey

SOME C++ TUTORIALS

LearnCpp.com

Tutorials to help you master C++ and object-oriented programming

ONLINE COMPUTER SCIENCE COURSES

COMPUTER SCIENCE ONLINE

http://www.computerscienceonline.org/courses/

COMPUTER ENGINEERING

Learn how engineering theories and principles apply to computer hardware and software design and development. Choose from a broad selection of courses offered by some of the nation's most prestigious colleges and universities, all free of charge and open to anyone.

COMPUTER FORENSICS

A relatively new but rapidly growing academic field, computer forensics deals with seeking and preserving information stored in computer systems for use in criminal and civil investigations. MOOC programs in information and cyber security help students better understand the challenges of computer forensic professionals.

COMPUTER NETWORKING

These free online courses offer a substantial introduction to the world of computer networking. Students will learn the ins and outs of how computers and other digital devices communicate with each other through local and wide area networks using both wired and wireless systems.

COMPUTER PROGRAMMING

Learn about the languages used to make computers perform the infinite number of tasks we've come to depend on them for. MOOC programs in computer programming are as varied as the field itself and provide an excellent starting point for anyone interested in the broader field of computer science.

CYBER SECURITY

Of increasing importance to the virtual world is the question of how to keep it safe from those individuals and groups that intend it harm. Cyber security is the area of computer science focused on protecting computer and communications systems from both internal and external threats to their integrity.

SCHOLARSHIPS FOR CS STUDENTS

{ COMPUTER SCIENCE ONLINE

http://www.computerscienceonline.org/cs-scholarships/

Current Scholarships for CS Students

When it comes to scholarships, current and prospective computer science students have several options. Students can find scholarships that are open to any and all students pursuing CS and other STEM disciplines or find others that are more targeted. Below is a breakdown of some of the existing opportunities available.

Undergraduate Scholarships	Graduate Scholarships	Scholarships for Women in CS

Scholarships for African American Students	Scholarships for Asian and Pacific Islander Students

Scholarships for Hispanic/Latino Students	CS Scholarships for Students with Disabilities

Scholarships for LGBTQ Students	Scholarships for Active Military and Veterans

REFERENCES:

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- http://www.bls.gov/ooh/computer-and-information-technology/home.htm

- http://www.computerscienceonline.org/

- http://greenteapress.com/thinkcpp/

- http://www.cplusplus.com/doc/tutorial/