

Charles Jordan Gilliland

Education	Massachusetts Institute of Technology S.B. in Brain and Cognitive Sciences	6.2001
	Massachusetts Institute of Technology S.B. and M.Eng. in Electrical Engineering and Computer Science	2.2004
	Undergraduate GPA: 4.5/5.0 Graduate GPA: 5.0/5.0	
Experience	Co-Founder of Ramifications, LLC Computer Consulting Services.	9.1996 9.1997
	University of Wisconsin-Madison. Laboratory for Computer Science. Laboratory Technician.	3.1997 9.1997
	University of Wisconsin-Madison. Department of Electrical and Computer Engineering. Research Assistant.	6.1998 9.1998
	Pharmatrak Incorporated. Systems Programmer.	3.1999 2.2000
	Massachusetts Institute of Technology. Research in Computational Neuroscience. Professor Gerald Schneider.	2.2001 9.2001
	Massachusetts Institute of Technology. Thesis Work - The Paperless Classroom. Professor Gerald Schneider.	2.2002 2.2004
	Entertainment Computing Laboratory Kyoto. Research Scientist.	3.2004 9.2004
	Community Engine Network Software Beijing. Software Engineer, Senior Software Engineer.	11.2004 9.2006
	Community Engine Network Software Tokyo. Project Manager.	10.2006 12.2006
	PX Interactive. Chief Technical Officer.	3.2007 Present
Publications	A Comparison of Modern Synthetic Character Design and Cognitive Robotics Architecture with the Human Nervous System (submitted).	

Skills Java, C/C++, Ruby, Lisp, Assembly, Matlab, L^AT_EX, MySQL, HTML.
Win 9x/NT4/NT5/XP, Solaris, Linux, FreeBSD, BeOS, Mac OS X.

Interests String Bass, Violin, Piano, Tuba, Music Composition,
Filmmaking, Photography, Karate, Autocross, Japanese.

Awards Winner of 1997 Wisconsin Chamber Orchestra Young Composer's Competition.
Boy Scouts of America Eagle Scout Award.

Coursework

3.091	Introduction to Solid-State Chemistry
6.001	Structure and Interpretation of Computer Programs
6.002	Circuits and Electronics
6.003	Signals and Systems
6.004	Computation Structures
6.033	Computer System Engineering
6.034	Artificial Intelligence
6.170	Laboratory in Software Engineering
6.312	Acoustics
6.857	Network and Computer Security
6.863	Natural Language and the Computer Representation of Knowledge
6.868	The Society of Mind
6.892	Computational Functional Genomics
7.012	Introductory Biology†
7.03	Genetics
8.012	Physics I
8.02	Physics II
9.00	Introduction to Psychology
9.01	Neuroscience and Behavior
9.07	Statistical Methods†
9.14	Structure and Development of the Mammalian Brain
9.20	Animal Behavior
9.63	Laboratory in Cognitive Science
15.970	Digital Anthropology
18.014	Calculus with Theory (I)
18.024	Calculus with Theory (II)
18.03	Differential Equations†
18.06	Linear Algebra†
18.310	Principles of Applied Mathematics†
18.410	Introduction to Algorithms
18.703	Modern Algebra†
24.03	Relativism, Reason, and Reality
24.900	Introduction to Linguistics
24.903	Language and its Structure III: Semantics and Pragmatics
24.957	Introduction to Linguistic Theory at an Advanced Level
	Chinese I-III
	Japanese I-VI, Introduction to Japan

† Denotes transfer credit from University of Wisconsin-Madison.