Phone: +1.917.862.7244 (cell)   1623 Third Avenue, #29C
Email: seanbcusack@gmail.com   New York City, NY 10128

SEAN B. CUSACK
Monday, April 16, 2014

OBJECTIVE	Part-time/project senior software engineering position in science, education, or finance, with opportunities to provide mentoring, implement new tech, and learn new patterns and algorithms
EDUCATION	**BACHELOR OF SCIENCE IN ENGINEERING** THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART, NEW YORK, NY Graduated Summa Cum Laude, GPA 3.8, 1998
PUBLIC TALKS	New York Academy of Sciences, Rockefeller University, March 9, 2013 "Games in the Classroom" - http://tinyurl.com/cusack-nyas-20130309
HONORS	Cooper Union Alumni Association *Alumnus of the Year,* 2014 Tau Beta Pi Engineering Honors Society, New York Iota Chapter, 1998
CERTIFICATIONS	Series 7 and Series 63 - November 2007
SKILLS	C/C++/C#, perl, python, javascript/jQuery, HTML, and some java, CSS, XML & FORTRAN Database design for MySQL & MSSQL Systems level, middleware, and UI programming; multi-threading, parallel-processing Projects at all phases: concept & design, implementation, release, maintenance, & deprecation Technical instruction, curriculum creation, and tutorial development Tutoring, mentoring, and coordinating with children ages 7-13 Event planning and adult volunteer management

EXPERIENCE

Learnosaurus Inc Educational Gaming Platform	*President & CEO*	April 2010 – Present
The Cooper Union CS102: Introduction to Computer Science	*Assistant Adjunct Professor*	Sept 2003 – Present
Jefferies & Co via Consumer Evaluation Systems Inc C# Currency Transaction Database UI	*Senior Software Engineer*	May 2012 – April 2014
Bank of America - Merrill Lynch via Rose International Financial Futures and Options	*Senior Software Engineer*	Sept 2010 – Jan 2012
Merrill Lynch Quantitative Statistical Arbitrage / Automated Market Making	*Senior Software Engineer*	Sept 2007 – July 2009
Bloomberg LP UI Infrastructure Market Data Feed Team Data-License Infrastructure Data-License Infrastructure	*Senior Software Engineer* *Senior Software Manager* *Software Manager* *Software Engineer*	2005 – Sept 2007 2003 – 2005 2000 - 2003 Aug 1998 – 2000

PHILANTHROPY

Cooper Union Part-Time Faculty Union Vice President & Co-Chair of Communications	2013 – present
Cooper Union Alumni Association Co-Chair of Communications	2013 – present
Cooper Union Alumni Association Council	2012 – 2015
Co-Scoutmaster of Troop 999 at Icahn House West	2005 – 2007
Chief Fire Warden for 731 Lexington, Third Floor West, leading 10 wardens & searchers	2004 – 2007
Homework Help program at Icahn House West, Art Access program at Icahn House East	2003 – 2006
Red Cross, God's Love We Deliver, NYC Parks Dept, Habitat for Humanity	1998 – 2007

HOBBIES

PADI Rescue Diver, Drawing, Skiing, Cooking, Baking, Origami, Video Games, Electric Guitar, Classical Piano