

CARLETON COFFRIN

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EMPLOYMENT

Software Engineer-Senior Java Developer	VeroModo Inc.	2005-Present
Development of a compiler for the distributed systems modeling language TIOA Tasks included, implementation of the ANTLR 2 based parser and semantic checking Developed a virtual machine for simulating TIOA models Developed an Eclipse RCP based integrated development environment		
Freelance Web Developer		2006-Present
Implementation of web applications in PHP using the Smarty template engine XHTML 1.1, CSS 1, and W3C Standard compliance		
Software Engineer/Designer	Uland Supply Co.	2004
Design and implementation of a web based inventory management system		
Student Educational Technology Assistant	SETA	2002
Helping professors integrate technology into their classroom. Focused on pedagogy of technology		

EDUCATION

University of Connecticut	Storrs, CT	2006
B.S. — Honors	Computer Science, Mathematics Minor, Magna Cum Laude (3.76 GPA) Honors Thesis: Cameo Lighting Design Software	
B.F.A. — Honors	Dramatic Arts, Design/Technical Theater, Magna Cum Laude (3.76 GPA) Honors Thesis: Lighting Design for Julius Caesar	
University Scholar Program – Entertainment Software Development		

AWARDS & HONORS

Keynote Speaker	Honors Medal Ceremony	2006
Victor Gant Scholarship	Academic Excellence, Integrity & Professional Potential	2005
Zacks Endowment	Study at Mariinsky Theatre in St. Petersburg Russia	2003
Fine Arts Scholarships	Excellence in Lighting Design	2003-05

LEADERSHIP

Public Relations Chair	UPE — Honor Society	2005
President	UPE — Honor Society	2005
President	TBP — Honor Society	2004
Treasurer	UPE — Honor Society	2003

LANGUAGES

Expert:
Java

Experienced:
C++, PHP,
ML, Perl

Familiar:
C, LISP, Prolog (CP),
ASPECTJ, RUBY

PLATFORMS

Windows 2000, XP
Mac OS X
Linux

PROJECTS & RESEARCH

TEMPO Front End	Parsing and syntactical analysis of a distributed systems modeling language	2005-Present
TEMPO Workbench	Integrated development environment for TEMPO	2005-Present
Cameo	Entertainment Lighting Control Application	2004-Present
URE	Research in Numerical Error in Computer Graphics	2005