Chris Dimpfl

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Education

University of California, Irvine

    Masters in Computer Science and Informatics   Expected Completion: June 2013

Pepperdine University

    B.S. in Computer Science and Mathematics   2010

Fields of Research Interest

Human computer interaction, software analysis and simulation in education, interactive storytelling in game worlds, status and respect amongst players in online games.

Research

Peer-Reviewed Journal Articles

Warford, J. S. and C. Dimpfl. *The Pep/8 Memory Tracer: Visualizing Activation Records on the Run-Time Stack.* SIGCSE 2010, the 41st ACM Technical Symposium on Computer Science Education, 2010.

Conference and Seminar Presentations

Automated Generation of Failure Modes and Effects Analysis from AADL Models

    ISSRE 2011, the 22nd annual International Symposium on Software Reliability Engineering, December 1, 2011.

Honors

Litton Endowed Scholarship, Pepperdine University.   2008, 2009

Outstanding Computer Science Graduate, Pepperdine University   2010

Employment Experience

Associate Technical Staff, The Aerospace Corporation, El Segundo, CA

Analyst for the Software Analysis department. Developed discrete event simulation to model optical payload system load and potential failure modes.   2012

Developer for the Software Reliability department. Wrote applications to help with automated analysis of failure states and effects for software and hardware systems, including analysis for multiple failures and recoveries.   2011