

BRIEF VITA

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- Education** Ph.D. in [Computer Science](#), [UCLA](#), 1993 (Major: Semantics, Minors: Database Systems and Computation Theory).
- Appointment** Professor, Loyola Marymount University, 1986-present.
- University Courses Taught** Introductory Computer Science and Programming; Data Structures; Algorithms; Systems Organization; Programming Languages; Compilers; Computer Graphics; Object Technologies; Internet Technologies; Scripting Languages; Software Engineering; Distributed Programming; Artificial Intelligence; Language, Thought, and Computation. Numerous Independent Studies offerings and Master's Theses supervisions.
- Selected Publications** Articles on modeling and visualization, classroom software engineering case studies, compiler correctness, the model-view-controller paradigm, computer science education, multithreading, automated testing, floating point test software, object structures, simulation generation, software patterns, programming language syntax, and open source software economics. [Two books](#) on the JavaScript programming language, co-authored with [J.D.N. Dionisio](#). [One new book](#) on programming languages.
- Grants** Co-Principal Investigator, *Cultivating an Open Source Software Culture Among Computer Science Undergraduate Students*, National Science Foundation Course, Curriculum, and Laboratory Improvement Program, Award No. 0511732.
- Awards** [Fritz B. Burns Distinguished Teaching Award](#), Loyola Marymount University, 2006.
- [California Professor of the Year, 2008](#). Carnegie Foundation for the Advancement of Teaching. <http://www.usprofessorsoftheyear.org/>.
- [Best Paper Award, AUTOTESTCON 2000](#).
- Other Activities** Television interviewee; Featured speaker at IEEE and ACM technical sessions and conferences; Taught workshops for industry professionals; Organized several student-industry activities; ACM ICPC coach; Consulting: Citysearch, LiquidWit, CityGrid Media, Medaxis Corporation, Handmade Mobile Entertainment, M-GO, [Friendbuy](#), [Criteo](#). Research communities: [HARC](#).
- Professional** [ACM](#) (several offices in local chapter, including chair). Occasional technical reviewer for journals and conferences. Occasional session chair. Board of Advisors for Computer Science, Los Angeles City College.
- University Service** Moderator, student chapter of the ACM. Member of various committees, including SCSE Faculty Development Committee, Dean's Core Curriculum Committee, First Year Advising Committee, and the President's Fritz B. Burns Distinguished Teaching Award Committee. Department library representative.