University of California

Los Angeles

Integration and Goal-Guided Scheduling of Bottom-Up and Top-Down Computing Processes in Hierarchical Models

A dissertation submitted in partial satisfaction of the requirements for the degree Doctor of Philosophy in Statistics

by

Your Official Name

Abstract of the Dissertation

Integration and Goal-Guided Scheduling of Bottom-Up and Top-Down Computing Processes in Hierarchical Models

by

Your Official Name

Doctor of Philosophy in Statistics
University of California, Los Angeles, 2017
Professor Chair's name 1, Chair

Ne quo feugiat tractatos temporibus, eam te malorum sensibus. Impetus voluptua senserit id mel, lucilius adipiscing at duo. Suas noster sanctus cu pro, movet dicam intellegebat pri ad, esse utamur vulputate ut per. Admodum facilisi sea an, omittam molestiae pertinacia vim eu, et eam illud graeco. Enim persius duo ei, mea te posse congue putent.

Has ut commodo inermis definiebas. Eu pro audire fabellas. Te qui zril omnes forensibus, ius an dico tempor maiorum. Ea mel illud adipisci.

Ad vel dicant aliquip, ut eam agam constituto, no quo erant melius. Porro labores invidunt ad vel, quaeque epicurei vituperatoribus ex cum. Qui tamquam omnesque ex, essent percipitur intellegam an per. Iusto expetenda sed et.

The dissertation of Your Official Name is approved.

Committee Member 1 Name

Committee Member 2 Name

Committee Member 3 Name

Chair's name 1, Committee Chair

University of California, Los Angeles 2017

To my mother ...

who—among so many other things—saw to it that I learned to touch-type while I was still in elementary school

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ACKNOWLEDGMENTS

 $({\bf Acknowledgments\ omitted\ for\ brevity.})$

VITA

1974 – 1975	Campus computer center "User Services" programmer and consultant,
	Stanford Center for Information Processing, Stanford University, Stanford,
	California.
1974–1975	Programmer, Housing Office, Stanford University. Designed a major soft-
	ware system for assigning students to on-campus housing. With some later
	improvements, it is still in use.
1975	B.S. (Mathematics) and A.B. (Music), Stanford University.
1977	M.A. (Music), UCLA, Los Angeles, California.
1977–1979	Teaching Assistant, Computer Science Department, UCLA. Taught sec-
	tions of Engineering 10 (beginning computer programming course) under
	direction of Professor Leon Levine. During summer 1979, taught a begin-
	ning programming course as part of the Freshman Summer Program.
1979	M.S. (Computer Science), UCLA.
1979–1980	Teaching Assistant, Computer Science Department, UCLA.
1980-1981	Research Assistant, Computer Science Department, UCLA.
1981–present	Programmer/Analyst, Computer Science Department, UCLA.

PUBLICATIONS

Education Division), 1978. Technical documentation for the MADHOUS software system used to assign students to on-campus housing.

CHAPTER 1

Introduction

For text, let's use the first words out of the ispell dictionary.

aback abaft abandon abandoned abandoning abandonment abandons abase abased abasement abasements abases abash abashed abashes abashing abasing abate abated abatement abatements abater abates abating abbe abbey abbey's abbeys abbot abbot's abbots abbreviate abbreviated abbreviates abbreviating abbreviation abbreviations abdomen abdomen's abdomens abdominal abduct abducted abduction abduction's abductions abductor abductor's abductors abducts abed aberrant aberration aberrations abet abets abetted abetter abetting abeyance abhor abhorred abhorrent abhorrer abhorring abhors abide abided abides abiding abilities ability ability's abject abjection abjections abjectly abjectness abjure abjured abjures abjuring ablate ablated ablates ablating ablation ablative ablaze able abler ablest ablute ably abnormal abnormalities abnormality abnormally aboard abode abode's abodes abolish abolished abolisher abolishers abolishes abolishing abolishment abolishment's abolishments abolition abolitionist 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