

# CRIS PEDREGAL MARTIN

- SUMMARY** Solid understanding of Computer Science fundamentals and infrastructure. Strong communication, interpersonal and scholarly skills.
- OBJECTIVE** To identify and analyze opportunities, design and implement strategies for investing, managing, developing, and deploying Information Technology. To continue to learn and to mentor people and constitute successful teams, contributing to the culture of a strong organization.
- EDUCATION**
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|--------------------------------|--|----------------|
| <b>MS/PhD Computer Science</b> | University of Massachusetts, 1994/2002 | Amherst, Mass. |
| <b>Licenciado Informática</b>  | ESLAI (Universidad de Luján), 1988     | Argentina      |
- EXPERIENCE**
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| 2002-present | <b>University of New Mexico</b> | Albuquerque, N.M. |
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- Investigated transactional recovery in novel applications and platforms; system tradeoffs in novel architectures. Taught core CS courses and supervised undergraduate and grad students.
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| 1994-2001 | <b>University of Massachusetts</b> | Amherst, Mass. |
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- Investigated foundations of transactional recovery, from databases to mobile to electronic commerce systems; research was central to multi-year \$300K NSF grant.
  - Designed and supervised development and deployment of database-backed web-based instructional system.
  - Assessed needs and acquired computing equipment for several research projects.
  - Investigated how to provide programming language support for real-time and for transactional functionality – in collaboration with Bell Labs.
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| 2000-2001 | <b>Igen Corporation</b> | Cambridge, Mass. |
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- Performed QA on data model for web-based enterprise diet & fitness service.
  - Audited and improved security of database and web server infrastructure.
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| 1990-1994 | <b>University of Massachusetts</b> | Amherst, Mass. |
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- Redesigned, ran, and lectured two introductory Computer Science courses.
  - Assisted students and supervised assistants for intro and advanced CS classes.
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| Summer 1994 | <b>Xerox PARC</b> | Palo Alto, Calif. |
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- Worked in design and implementation of multimedia delivery and markup system.
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| Summer 1993 | <b>Verizon (GTE) Labs</b> | Waltham, Mass. |
|-------------|---------------------------|----------------|
- Investigated integration of advanced transactions into a distributed object manager.
- CV, PUBLICATIONS, REFERENCES** CV & Publications: <http://www-ccs.cs.umass.edu/cris/resume.html>  
References available upon request.