COMPUTER SCIENTIST

Alexandre Bergel, PhD

PROFILE

Expertise in software engineering and artificial intelligence for critical software systems. Author of more than 180 peer-reviewed publications and 5 books on the topic of AI, data visualization, and object-oriented programming. Participations in numerous international research programs. I am a French citizen and hold a Swiss B permit. Academic CV

CONTACT

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🧑‍💻 https://github.com/bergel

EXPERIENCE

COMPUTER SCIENTIST, RELATIONAL AI – 2022-PRESENT

RelationalAI is a company based in Berkeley, California, USA. It extends the Snowflake platform with advanced decision-making and AI agents. Work remotely from Bern.

ASSISTANT & ASSOCIATE PROFESSOR, UNIVERSITY OF CHILE – 2009-2022

I built and led a research team in the field of software engineering and artificial intelligence URL

PERMANENT RESEARCHER INRIA LILLE NORD-EUROPE, FRANCE – 2007-2009
RESEARCH FELLOW, HASSO-PLATNER-INSTITUTE, POTSDAM, GERMANY – 2007
RESEARCH FELLOW, TRINITY COLLEGE DUBLIN, IRELAND – 2006-2007
RESEARCH ASSISTANT, UNIVERSITY OF BERN, SWITZERLAND – 2001-2005

EDUCATION

University of Bern, Switzerland – PhD in computer science, 2005.
University of Nice-Sophia Antipolis, France – Diplôme d'Études Approfondies (master equivalent) in computer science, 2001.

SKILLS

- Software engineering, programming languages (Java, Julia, Python, …), software testing, CI/CD

- Artificial intelligence / Machine learning

- Automated Software tests generation

- Agile technologies (testing, management)

- Software architecture & Cloud technologies

LANGUAGES

French, Spanish, German, English