

Lee, Jeong-A, Chosun University, Korea



UCLA



서울대학교
SEOUL NATIONAL UNIVERSITY



● Education

- 1990 Ph.D. UCLA (Computer Science), U.S.A.
- 1985 M.S. Indiana University, Bloomington, U.S.A.
- 1982 B.S. Seoul National University, Korea

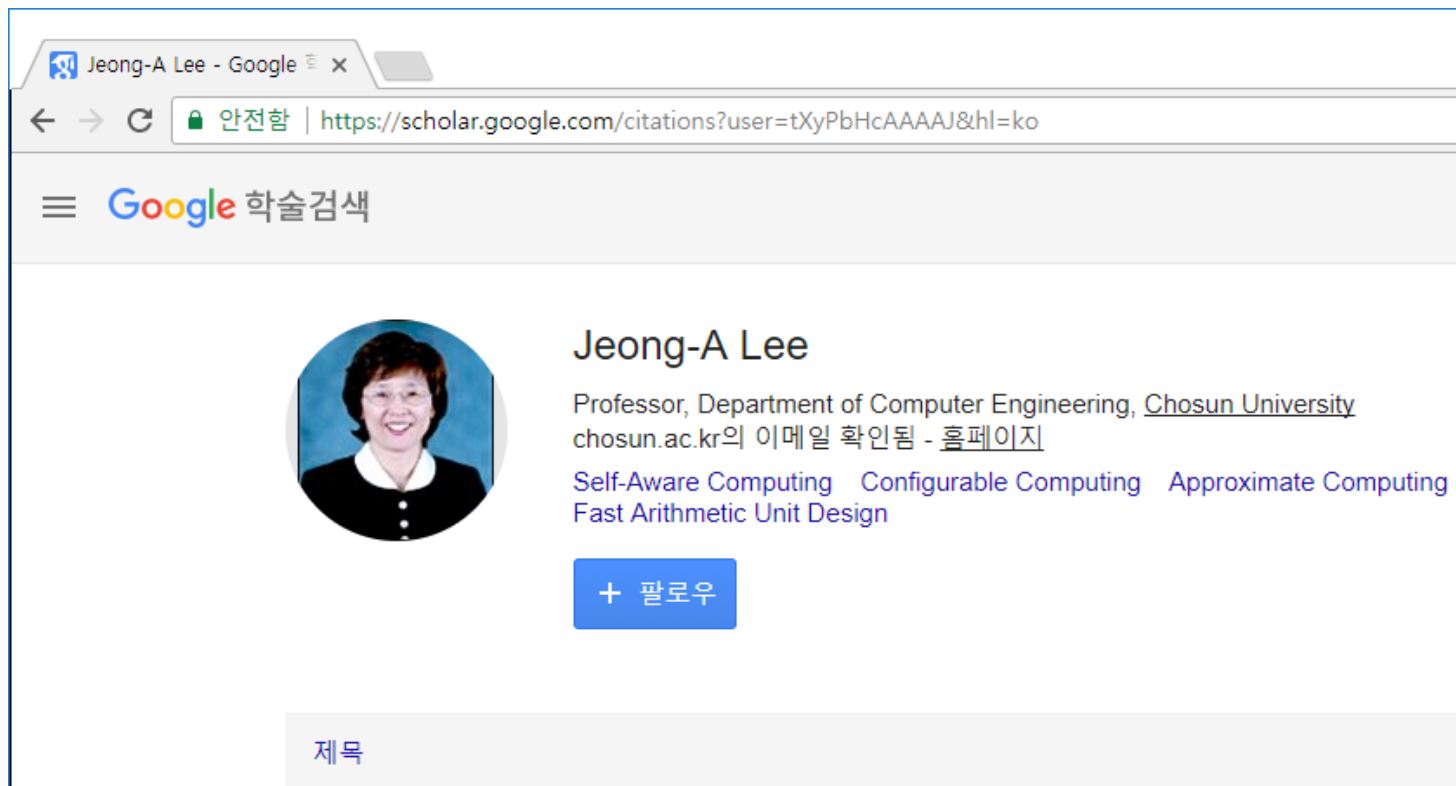


● Employment & Professional Activities

- 1995/03~ Present Professor, Chosun University
- 1990/08~1995/02 Assistant Professor, Univ. of Houston
- 2017/01~ Present Visiting Professor, Aalto University, Finland
- 2008/02~2009/12 Director of EECS, National Research Foundation of Korea
- 2006/01~ 2006/4 Visiting Professor, UCLA, U.S.A.
- 2000/08~2002/02 Visiting Professor, Stanford University
- 1999/08~1999/08 Visiting Professor, UC, Irvine, U.S.A.
- 1998/12~1999/02 Guest Lecturer/Visiting Professor, TU, Delft, Netherlands
- 1993/06~1994/04 Visiting Scientist, SSC Lab, U.S.A.
- 2001 ~ Present IEEE Senior Member

Research Interests and Publications

- Self-Aware Computing, Approximate ALU Design, Reliable and Configurable Computing, CPS



The image shows a screenshot of a Google Scholar profile for Jeong-A Lee. The browser address bar shows the URL: <https://scholar.google.com/citations?user=tXyPbHcAAAAJ&hl=ko>. The profile includes a circular profile picture of a woman with short dark hair and glasses, wearing a dark top with a white collar. To the right of the picture, the name "Jeong-A Lee" is displayed in a large font. Below the name, the text reads: "Professor, Department of Computer Engineering, [Chosun University](http://chosun.ac.kr) chosun.ac.kr의 이메일 확인됨 - [홈페이지](#)". Underneath, there are several research interests listed in blue text: "Self-Aware Computing", "Configurable Computing", "Approximate Computing", and "Fast Arithmetic Unit Design". A blue button with a plus sign and the Korean text "+ 팔로우" (Follow) is located below the interests. At the bottom of the profile section, there is a grey box with the Korean text "제목" (Title).

Recent projects

- Application-Aware Logic Transformation and Approximate Arithmetic Units: Energy-Efficient, Good Enough Computing Unit Design for error-tolerant applications (2016/06~2019/05, NRF, Korea)
- Scalable Self-test and Self-healing ALU Design (2013/6~2016/05, NRF, Korea)
- Reliable Bio-Emulating FPGA architecture (2010/05~2013/04, NRF, Korea)
- Exploring Korea-EU Collaboration for FP7 ICT Call for Ageing Well (2010/12~2011/08, NRF, Korea)

The image shows a screenshot of a journal article page. The top part is the header for 'Microprocessors and Microsystems', an Elsevier journal. The article title is 'Bio-inspired self-aware fault-tolerant routing protocol for network-on-chip architectures using Particle Swarm Optimization' by Sani Abba and Jeong-A Lee. Below this is the header for 'Microelectronics Reliability', also an Elsevier journal. The article title is 'Self-repairing radix-2 signed-digit adder with multiple error detection, correction, and fault localization' by Hossein Moradian, Jeong-A Lee, and Adnan Hashmi. The page includes an abstract, keywords, and a short introduction. At the bottom right, there is a logo for 'sensors' journal and the Chosun University logo.