



Dewi MAIRIZA

Home Country
Indonesia

Degree
PhD in Computer
Science

Expertise
Software Engineering

Research Focus
Managing Conflict
Among
Non-Functional
Requirements

Host University
University of
Technology
Sydney, Australia

Fellowship Awarded
2006

Dewi Mairiza was born and grew up in Padang, the capital city of West Sumatera, Indonesia. The eldest of two children, Dewi has one younger brother. She is married with one daughter whose name is Amare, which means love. Her hobby is traditional West Sumatera dancing.

After graduating from high school in Padang, Dewi was invited to enroll in the computer science program in the Faculty of Computer Science at the University of Indonesia in Jakarta, where in only 3.5 years she obtained her Bachelor of Science degree and graduated cum laude.

During this time she won an education scholarship from German Academic Exchange Service (DAAD) for a one-year period of study. She was then offered a position at the University of Indonesia and joined the computer science faculty as a junior lecturer. In 2005 she obtained her Master of Science degree. In 2006 she began studying for her doctorate in the Requirements Engineering lab of the Faculty of Engineering and Information Technology at the University of Technology Sydney, Australia.

In Australia, Dewi's research is focused on managing conflict among non-functional requirements (NFRs). NFRs are an important component of high-quality software, although they are not well understood among software engineering researchers and industrial practitioners.

Understanding the nature of conflict among NFRs is a useful and necessary step in improving the quality of software and in developing a strategy for NFRs conflict management. Ultimately, the conflict resolution among NFRs comes from understanding the nature of the conflict.

Dewi's research will provide a significant contribution to the software engineering research community, as well as to the software development industry as a whole.