

FRANCINE LALOSES

EXPERIENCE

2005–Present The MITRE Corporation Bedford, MA
Senior Software Systems Engineer

- Developed user interface using MS Silverlight for REACT (Resources for Early and Agile Capability Testing), a research project for the U.S. Air Force based on a popular flight simulator.
- Co-Principle Investigator on the Monsoon research project: “Efficient and Reliable Distributed Data Dissemination”.
- Successfully delivered briefings to upper level management and directors.
- Contributor and reviewer in the yearly research competition: actively writing and reviewing research proposals, delivering briefings, and marketing ideas.
- Created and co-led the information assurance community interested group for the department.

2001–2002 The MITRE Corporation Bedford, MA
Software Developer Intern

- Solely responsible for development of a Java project that interfaces with Matlab for purposes of controlling and supporting the next generation GPS satellite constellation.
- Successfully met all deadlines and navigated through technical challenges.

EDUCATION

Tufts University School of Engineering Medford, MA
Ph.D. Candidate, HCI, Computer Science.

Boston University College of Engineering Boston, MA
M.S. Computer Systems Engineering.
B.S. Computer Systems Engineering, Cum Laude.

SKILLS

C C# Java Matlab HTML Silverlight MS Office Suites
C++ .NET Unix Python XML MS Access GUI Development

PUBLICATIONS

Lalooses, F., Kong, H. (2008). “Increasing Reliability and Efficiency via Distributed Data Dissemination,” *presented at the 6th International Conference on Computing, Communications and Control Technologies (CCCT 2008) in context of the International Multi-Conference on Engineering and Technological Innovation (IMETI 2008)*, Orlando, FL., received “Best Paper Award for the Session: Communications Systems, Technologies and Applications.”

Lalooses, F., Susanto, H., Chang, C. H. (2007). “An Approach For Tracking Wildlife Using Wireless Sensor Networks,” *presented at IEEE Sponsored International Workshop on Wireless Sensor Networks 7th International Conference on New Technologies of Distributed Systems in conjunction with NOTERE 2007*, Marrakesh, Morocco.

Lalooses, F., Susanto, H., Chang, C. H. (2007). “Recovery Target Tracking in Wildlife,” *presented at The International Association of Science and Technology for Development The Seventh LASTED International Conferences on Wireless and Optical Communications*, Montreal, Quebec, Canada.

ACHIEVEMENTS

Francine.Lalooses@tufts.edu

FRANCINE LALOSES

- Co-chaired session at the 6th International Conference on Computing, Communications and Control Technologies (CCCT 2008) in context of the International Multi-Conference on Engineering and Technological Innovation (IMETI 2008) in Orlando, FL.
- Researcher and member of the Human Computer Interaction group in the Computer Science Department at Tufts University.
- Volunteer speaker and attendee at numerous diversity and women in engineering events, including SWE Boston Banquet hosted at MITRE (June 2009), SWE/IEEE Professional Nights at Boston University (November 2006 and February 2008), BATEC (Boston-area Advanced Technological Education Connections) and Microsoft's Future Potential in IT event volunteer (December 2006), Technology Trends at a local high school (February 2008), Careers Technology and You event at Framingham State College targeting 400 students from 13 high schools (October 2009).
- Organizer and speaker at MITRE's first annual Young Women in Engineering event (November 2009).
- Co-lead of the MITRE Networking for Professional Women Bedford group.
- Developed an open source VoIM project, which aims to provide a cross platform instant messaging and voice messaging client.
- Mentored countless Boston University engineering students, both graduate and undergraduate, as a Graduate Teaching Fellow and Teaching Assistant for five years.
- BU representative for a Women in Engineering program funded by the National Science Foundation to introduce STEM (Science, Technology, Engineering, Mathematics) awareness in earlier grades.

ACTIVITIES

IEEE Member
IEEE Women in Engineering Member
Boston CHI Member
Boston University College of Engineering Alumni Board Member (2002 – present)
BU Society of Women Engineers Volunteer
MITRE Intramural Softball
Watertown Taxiarchae Church Sunday School Teacher (1997 – 2003)

LANGUAGES

Greek (fluent), Spanish (semi-fluent)