

Candidate for Chair

Steven M. Lathrop
NAVSSSES - Philadelphia (AMSEC LLC), Philadelphia, PA USA

BIOGRAPHY

Academic Background:

Bachelors of Arts, Rutgers-Camden College of Arts and Sciences, 1997, Computer Science.

Professional Experience:

CG47 ISC Project Team Lead Programmer, NAVSSSES - Philadelphia (AMSEC LLC), Philadelphia, PA, 2001 – 2009;
Software Engineer, CIGNA/ACE/IBM, Philadelphia, PA, 1998 – 2001;
Software Engineer, ARINC, Annapolis, MD, 1997 – 1998.

Professional Interest:

Software-Based Distributed Control Systems; Human-Machine Interface Engineering; Distributed Database Engineering; Robotics; Computer Aided Manufacturing.

STATEMENT

As SIGAda Chair, I intend to expand the use of Ada in Software Engineering by directly challenging C and C++ as de facto languages of choice. I plan to accomplish this by organizing three communities of Ada enthusiasts: a community of Ada evangelists, a community of Software Architects, and a community of Ada educators.

Ada evangelists will be tasked to peer-review C and C++ articles and raise legitimate concerns, badger editors for Ada version of their articles, author articles using Ada for their examples and author articles specifically touting Ada as the language of choice.

Software Architects will be tasked to develop a thorough library of software, including an Ada set of drivers for the PC architecture, an Ada version of Linux, and an RTOS.

Ada educators will be tasked to develop an Ada-based Software Engineering curriculum, a set of on-line class material for use by qualified on-line Universities, write Ada companion texts to industry-standard titles, and participate in Peer-Reviews of submitted code.

As an organization, we will develop our use of on-line collaboration tools, so that every Ada user feels connected to a larger community.

Thank you for your support.