Katherine Eve Isaacs

Graduate Institution: University of California - Davis

Graduate Discipline: Computer Science

Hometown: Santa Clara, CA

Relevant SC Research: Advanced Scientific Computing Research

Research Interest:

I am interested in information visualization, graph drawing, graph analysis and high performance computing. My current project involves visualizing profile and trace data from large parallel applications to aid in understanding and optimizing their behavior.

About Me:

I am a PhD student in Computer Science at the University of California, Davis. I received a BS in Computer Science and a BA in Mathematics from San José State University and a BS in Physics from the California Institute of Technology. I have worked on routing algorithms for mobile ad-hoc networks, machine learning for anomaly detection in avionic systems, and statistical tools for analyzing metagenomic data. I also volunteer in outreach activities to encourage young people to take an interest in science and am an organizer for the Women in Computer Science group at my institution. My hobbies include drawing, painting, and casual cycling.