

Stanford

K Sharp

Senior Web Developer, School of Earth, Energy and Environmental Sciences

Bio

CURRENT ROLE AT STANFORD

Senior Web Developer for Stanford School of Earth, Energy & Environmental Sciences, Dean's Office, developing back end infrastructure for school, department, program, and research group web sites as well as special projects and other areas of interest.

EDUCATION AND CERTIFICATIONS

- Certificate, Stanford Center for Professional Development, Stanford University , Computer Security Professional (2007)
- MS, Pace University, New York , Computer Science (1987)
- BS, State University of New York at Albany , Computer Science (1982)

PROJECTS

- WebAuth Module for Drupal - Stanford University (1/1/2007 - 12/31/2010)
- CAP Integration with School of Earth Sciences

PERSONAL INTERESTS

Drupal

Computer Security

Publications

PUBLICATIONS

- **New paradigm for macromolecular crystallography experiments at SSRL: automated crystal screening and remote data collection** *ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY*
Soltis, S. M., Cohen, A. E., Deacon, A., Eriksson, T., Gonzalez, A., McPhillips, S., Chui, H., Dunten, P., Hollenbeck, M., Mathews, I., Miller, M., Moorhead, P., Phizackerley, et al
2008; 64: 1210-1221
- **Web-Ice: integrated data collection and analysis for macromolecular crystallography** *JOURNAL OF APPLIED CRYSTALLOGRAPHY*
Gonzalez, A., MOORHEAD, P., McPhillips, S. E., Song, J., Sharp, K., Taylor, J. R., Adams, P. D., Sauter, N. K., Soltis, S. M.
2008; 41: 176-184
- **Blu-Ice and the Distributed Control System: software for data acquisition and instrument control at macromolecular crystallography beamlines** *2nd International Workshop on X-ray Damage to Crystalline Biological Samples*
McPhillips, T. M., McPhillips, S. E., Chiu, H. J., Cohen, A. E., Deacon, A. M., Ellis, P. J., Garman, E., Gonzalez, A., Sauter, N. K., Phizackerley, R. P., Soltis, S. M., Kuhn, P.
WILEY-BLACKWELL PUBLISHING, INC.2002: 401-406