

Nathan Thompson

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EDUCATION:

Sam Houston State University, Huntsville, TX Master of Science in Computer Science Anticipated Graduation Date – May 2017	Present
Sam Houston State University, Huntsville, TX Bachelor of Science in Chemistry Minor in Mathematics Concentration: Professional Chemistry GPA: 3.1	May 2015

RELATED EXPERIENCE:

Software Development Sam Houston State University, Huntsville, TX -Used Sage to write solvent blend prediction software for a U.S. Department of Defense research project	Spring 2015
Patent Development Sam Houston State University, Huntsville, TX -Prototype development for contact angle measurements via 3D-printing	Summer 2014
Organic Research – Computer Lab Sam Houston State University, Huntsville, TX -Photochemistry	Summer 2014
Organic Research Sam Houston State University, Huntsville, TX -Photochemistry -Researched the effects of photolysis on cyclic sulfite esters	Summer 2013

AWARDS:

- Welch Research Fellowship, Sam Houston State University, Summer 2013
- Welch Research Fellowship, Sam Houston State University, Summer 2014

PUBLICATIONS and PATENTS:

Arney, B.E., J. Perry, **N. Thompson** and R.C. White. Photolysis of a Cyclic Carbonate Ester and a Cyclic Sulfite Ester: Radical Intermediates and Ionic Intermediates in an Advanced Laboratory Experiment. Chemical Educator, 19 (2014), 1-3.

Arney, B.E., J. Perry, **N. Thompson** and R.C. White. Ionic Pathways in the Photochemistry of Cyclic Sulfite Esters. Paper submitted for publication.

Portable Contact Angle Measuring Kit with D.L. Williams, Sam Houston State University. Patent Pending.

SKILLS:

- Java, Python, Ada, Mathematica
- Sql, HTML, JavaScript, jquery
- Enjoy conversing with others on technical topics
- Comfortable with giving presentation