

# 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
- Public Speaking