

Nathan Thompson

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EDUCATION:

Sam Houston State University, Huntsville, TX Master of Science in Computer Science Anticipated Graduation Date – December 2017 GPA: 4.0	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:

Graduate Assistantship Sam Houston State University, Huntsville, TX -Research, Teachers Assistant	Spring/Fall 2017
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	Summer 2015
Patent Development Sam Houston State University, Huntsville, TX -Prototype development for contact angle measurement via 3D-printing	Summer 2014
Organic Research Sam Houston State University, Huntsville, TX -Photochemistry -Researched the effects of photolysis on cyclic sulfite esters	Summer 2013/2014

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, Phil M. Pithan, Sebastian von Gradowski, Heiko Ihmels. Ionic Pathways in the Photochemistry of Cyclic Sulfite Esters. *Heterocyclic Chemistry*, 54 (2017), 1656 - 1659

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.

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

SKILLS:

- Python, Java, Ada, Mathematica
- SQL, HTML, JavaScript
- Data Warehouse, Data Mining
- Comfortable with giving presentations