

M. Todd Young

180 Waterview Dr. apt. 418, Oak Ridge, TN 37830

☎ (+1) 865.384.1256 | ✉ youngmt1@ornl.gov | 📱 [yngtodd](#)

Education

University of Tennessee

B.S. IN STATISTICS, MINOR IN MATHEMATICS

Knoxville, TN

2013 - 2017

Experience

Oak Ridge National Lab

POST-BACHELORS RESEARCH ASSOCIATE

- Research in machine learning and optimization for high performance computing applications in the biomedical sciences.

Oak Ridge, TN

2017 - Present

Oak Ridge National Lab

RESEARCH INTERN

- Researched distributed Bayesian optimization for machine learning algorithms.

Oak Ridge, TN

2016 - 2017

University of Tennessee

UNDERGRADUATE RESEARCH (DR. MICHEL BALLINGS)

- Researched natural language processing for financial markets.

Knoxville, TN

2016 - 2017

Extracurriculars

University of Tennessee Machine Learning Student Organization

FOUNDER

- Organized Kaggle competitions and hackathons.
- Presented machine learning methods through talks and demonstrations during biweekly meetings.

Knoxville, TN

2016 - Present

American Sign Language Student Organization

MEMBER

- Organized and performed interactive deaf theater in collaboration with the Tennessee School for the Deaf.

Knoxville, TN

2013 - 2015

Publications

JOURNAL ARTICLES

Deep Clustering of Protein Folding Simulations

Debsindhu Bhowmik, **M. Todd Young**, Shang Gao, Arvind Ramanathan

BMC Bioinformatics (June 2018). 2018

Hierarchical attention networks for information extraction from cancer pathology reports

Shang Gao, **M. Todd Young**, John X Qiu, Hong-Jun Yoon, James B Christian, Paul A Fearn, Georgia Tourassi, Arvind Ramanathan

Journal of the American Medical Informatics Association : JAMIA 25 (Nov. 2017). 2017

CONFERENCE PROCEEDINGS

HyperSpace: Distributed Bayesian Hyperparameter Optimization

M. Todd Young, Jacob Hinkle, Ramakrishnan Kannan, Arvind Ramanathan

High Performance Machine Learning Workshop, 2018,