Lucia Williams

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Education

Montana State University
Ph.D., Computer Science, in progress, 2017-present
Applied Algorithms Lab
Advisor: Brendan Mumey

University of Washington
B.S., Applied Computational and Mathematical Sciences, 2014
B.A., Community, Environment, and Planning, 2014
Minor: Mathematics

Publications

Robin Lynne Belton, Brittany Terese Fasy, Rostik Mertz, Samuel Micka,
David L. Millman, Daniel Salinas, Anna Schenfisch, Jordan Schupbach,
Lucia Williams.
Learning simplicial complexes from persistence diagrams.
In *Canadian Conference on Computational Geometry (CCCG 2018)*.
CCCG, 2018.

Lucia Williams, Gillian Reynolds, Brendan Mumey
RNA Transcript Assembly Using Inexact Flows.
In *2019 IEEE International Conference on Bioinformatics and Biomedicine (BIBM)*.
IEEE, 2019.

Teaching

Instructor
The Joy & Beauty of Data, summer 2019

Academic Work

Research Assistant
Biofilm Resource and Information Database (BRaID), in progress, 2017-present

REU Student
Montana State University, 2013

Grader
University of Washington, 2012-2014
Courses: Real Analysis, Linear Algebra, Multivariable Calculus,
Discrete Mathematical Modeling

Other Work	**Data Scientist** Marchex (online advertising company), 2014-2017 **Data Visualization Intern** Mazama Science (data visualization consulting company), 2013
Awards and Fellowships	**Benjamin Fellowship** Montana State University Department of Engineering, 2017-2018
Workshops	**Computing Research Association Grad Cohort for Women** San Francisco, 2018 Chicago, 2019
Service	**Conference Volunteer** Research in Computational Biology (RECOMB), spring 2019 **Co-organizer** Montana State University Department of Computer Science prospective student visit day, spring 2019
References	Dr. Brendan Mumey Computer Science Montana State University brendan.mumey@montana.edu,+1 (406) 994-7811 Dr. David Millman Computer Science Montana State University david.millman@montana.edu,+1 (406) 994-4261