

ERIK HASSE

erik.hasse@mg.thedataincubator.com

(507) · 995 · 3159

SUMMARY

Mathematician with a passion for data visualization and machine learning. Experience teaching gives strong oral and written communication skills. Enjoys camping and astrophotography.

TECHNICAL SKILLS

Programming	Python, Haskell
Python Packages	NumPy, Pandas, SciKit-Learn, Seaborn, TensorFlow
Machine Learning	Linear and Logistic Regression, k -Nearest Neighbors, k -Means Clustering, Neural Networks
Other	SQL Queries, Linear Algebra, LaTeX, vim, Unix Terminal

EDUCATION

University of Iowa <i>Ph.D. in Mathematics</i> Dissertation Title: <i>Lowest Terms in Commutative Rings</i>	August 2018 <i>Iowa City, IA</i>
University of Iowa <i>M.S. in Mathematics</i>	May 2015 <i>Iowa City, IA</i>
North Dakota State University <i>B.S. in Mathematics</i> Minor in Computer Science	May 2013 <i>Fargo, ND</i>

EMPLOYMENT HISTORY

University of Iowa <i>Teaching Assistant</i>	August 2013-May 2018 <i>Iowa City, IA</i>
<ul style="list-style-type: none">· Helped hundreds of students succeed in math courses from remedial to graduate levels· Developed interpersonal skills via small group tutoring and leading classes of up to 40 students· Provided accurate and prompt feedback on homework, quizzes, and exams for up to 90 students per semester	
John Deere Electronic Solutions <i>Software Design Intern</i>	October 2010 - September 2011 <i>Fargo, ND</i>
<ul style="list-style-type: none">· Wrote C++ programs to control test equipment such as 150 ampere batteries· Ran tests on production code and reported bugs with potential fixes· Assisted in creating documentation, including writing requirements and developing tests	