Megan Kress

Work Experience

Current, from Jan 2015

Research Assistant at
MSU Forestry Department, East Lansing, MI

Works in Dr. Andrew Finley's research lab. Explores LiDAR data and creates methods to process LAS files. Predicts forest variables through Bayesian (statistical) and computational models.

Current, from Sept 2015

Google IgniteCS/Girls Who Code Club Leader at
MSU Women in Computing, East Lansing, MI

Plans outreach efforts for promoting computer science among local students whose demographics are underrepresented in technology fields. Writes grant proposals and designs curriculum.

Aug 2016 to May 2017

Teaching Assistant at
MSU Computer Science and Engineering Department, East Lansing, MI

Taught a lab section for C++ undergraduate programming course. Wrote automated tests for student projects. Mentored students in help rooms and on online forums.

May 2014 to Oct 2014

Consumer eBanking QA Intern at
FIS, Menomonee Falls, WI

Completed regression testing on banking software. Collaborated with coworkers to create test conditions.

Leadership Positions

Current, from Aug 2016

President
Forestry Graduate Student Organization

Current, from Sep 2015

Senior Leader
MSU Women in Computing

Aug 2015 to Feb 2018

Planning Committee Member
Forestry Department Annual Research Symposium

⌂
🖂 mckress1@gmail.com
⌨ megankress.com

Education

2015 – Present	**Masters of Science** Computer Science Forestry *Michigan State University* GPA: 3.52
2011 – 2014	**Bachelor of Science** Mathematics Minor in Computer Science *University of Wisconsin, Milwaukee* GPA: 3.93

Awards

April 2018

Outstanding graduate student service award
MSU CSE Department

February 2016

2nd Place, Grad Symposium
MSU Forestry Department

December 2014

Phi Beta Kappa
UW, Milwaukee

Tech Skills

R	C++	Python
Java	JavaScript	OpenMP
HTML/CSS	Linux	LaTeX

Experiences

- **Attendee** at 2015 and 2017 Grace Hopper Celebration of Women in Computing
- **Attendee** at 2017 NCAR Graduate Workshop on Environmental Data Analytics
- **Presenter** at 2017 Michigan Celebration of Women in Computing
- **Attendee** at 2016 SAMSI workshop for Women in Mathematical Sciences