Theodore S. Lindsey

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Education

MS, Computer Science, *University of Kansas*, Lawrence, KS, 3.63.   **2014–2016**
MA, Mathematics, *University of Kansas*, Lawrence, KS, 3.61.   **2011–2014**
BS, Mathematics, *Principia College*, Elsah, IL, 3.5.   **2008–2011**

Computer tools

Languages: Bash, C, C++, CSS, HTML, LATEX, Matlab, Python
Frameworks/Tools: Git, Mathematica, RegEx, SQLite, TkInter

Experience

Graduate Teaching Assistant, *University of Kansas*.   **2011–Present**
Instructor of record for Intro to Programming (C++), Software Engineering lab, Calculus I, among others. Responsible for grading, preparing lecture material, creating homework assignments.

Software Engineer, *Personal Project*.   **Summer 2015**
Designed and developed digital cookbook application. Designed battery of tests in order to check for code coverage,

Team Lead, *Software Engineering Class Project*.   **Fall 2014**
Responsible for project architecture and for a big-picture understanding of the project. Ensured team cohesion and schedule adherence. Coordinated software module interoperability.

Mathematics Awareness Month Volunteer, *University of Kansas*.   **2012-2014**
Organized and assisted with competitions and activities for K-12 students to raise math awareness.

Interests

Home automation: Atmel AVR (Arduino)-based automation.
Prop manufacturing: Mold-making, casting, fiberglass and resin, sculpture.
Multirotor UAS: Building and programming RC quadcopters

Workshops & Special Sessions

○ Group leader in "Students + Workshops = Success + Fun" workshop series for elementary school students   **2014**
○ Team member in the "Mathematical Modeling in Industry XVII," Visually significant QR-codes team (hosted by Institute for Mathematics and its Applications, University of Minnesota**2013**
○ Assistant for "The Beauty of Controls" workshop for middle and high school students and teachers, held in conjunction with the 2013 American Control Conference, Washington, D.C., USA, June 18.   **2013**

Honors & Awards

Finalist for the *Florence Black Teaching Award* (University of Kansas)   **2013–2014**
National Science Foundation Graduate Research Assistant (DMS-1108884)   **2013**
Robert and Mary Keely Mathematics Award (Principia College)   **2011**
Eagle Scout, gold palm, American Legion Eagle Scout of the Year (Oregon)   **2008**