

Theodore S. Lindsey

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Education

MS, Computer Science , <i>University of Kansas</i> , Lawrence, KS, 3.63.	2014–2016
MA, Mathematics , <i>University of Kansas</i> , Lawrence, KS, 3.61.	2011–2014
BS, Mathematics , <i>Principia College</i> , Elmhurst, 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 and conducted tests in order to check for requirement and specs adherence, correct input handling, usability, and performance.

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.

Multicopter UAS: Building and programming RC quadcopters

Workshops & Special Sessions

- Group leader in “Students + Workshops = Success + Fun” workshop series for elementary school students. **2014**
- Member of “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 <i>Florence Black Teaching Award</i> (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