

# HAILEY FIELDS

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1503 E. Market Ave.  
Searcy, AR 72143  
hrfields@harding.edu  
501-279-4266

## EDUCATION

**University of Wisconsin - Madison** (2019-2020)

*Master of Science in Computer Science*  
GPA 3.76

**Harding University** (2015-2019)

*Bachelor of Science in Computer Science*  
*Bachelor of Science in Mathematics*  
GPA 3.90

## EXPERIENCE

**Instructor of Computer Science**

01/2021 - present

*Harding University*

Searcy, AR

Teach or have taught the following courses.

- 1500 - Programming I
- 1510 - Programming II
- 2680 - Computer Architecture and Assembler Programming
- 3110 - Data Communication and Networking
- 3280 - Numerical Methods
- 4750 - Selected Topics: iOS Development

**Teaching Assistant**

08/2019 - 12/2020

*UW-Madison*

Madison, WI

Taught discussion sessions to supplement lecture material, held office hours to help students accomplish course goals, and developed and graded work for the following courses.

- Discrete Mathematics (CS 240)
- Introduction to Algorithms (CS 577)

**Private Math Tutor**

08/2016 - 05/2019

Searcy, AR

- Met regularly with students who struggled in high school math classes and helped them understand new concepts, complete homework, study for tests and quizzes, and foster a sense of math confidence.

**Engineer Trainee I**

05/2018 - 08/2018

*Dynetics, Inc.*

Huntsville, AL

- Planned and carried out organization for ground support team during a test event.
- Thoroughly tested active system for weaknesses and reported findings in team meetings.
- Researched and proposed significant system modifications.

## PRESENTATIONS & AWARDS

*Von Neumann's Pseudorandom Numbers*

- Oklahoma-Arkansas Mathematical Association of America Annual Conference (2018), Russellville, AR.
- Third place, RB Deal Undergraduate Oral Presentation Awards.