

EDUCATION

Bachelor of Science: <i>Software Engineering</i> Iowa State University, Ames, Iowa	GPA: 3.93 May 2023 (Expected)
Master of Fine Arts: <i>Creative Writing</i> Virginia Tech, Blacksburg, Virginia	GPA: 4.0 May 2012
Bachelor of Arts: <i>English and French</i> The University of Iowa, Iowa City, Iowa	GPA: 3.59 December 2008

PROFESSIONAL EXPERIENCE

English Instructor, DMACC, Fall 2012-Present

- Design and maintain online web courses for diverse range of students.
- Courses include: Strategies for Writers, ESL, Composition I and II, Preparatory Writing I and II, and Women Writers.

English Lecturer, Iowa State University, Fall 2018-Spring 2020

- Led in planning and designing new online pilot course (Written, Oral, Visual, and Electronic Communication).
- Assisted Foundations team on continuing development of course.
- Evaluated, implemented, and communicated improvements with the involvement of students, colleagues, and administration across multiple programs.

Library Specialist, DMACC, Summer 2013-Summer 2014

- Managed online database and library records.
- Provided guidance and assistance with student research and writing assignments and answered technical and research-related questions.

PROGRAMMING PROJECTS

Software Engineering Program, ISU

Bit Magnet, Social media website, Fall 2021

Worked with a team of four through GitLab to design and host a social media site. Managed SQL database to store users and content. Frontend developed using React with NodeJS. Testing done with Jest.

Roguelike Game, Terminal based game, Fall 2021

Used C to implement a design for a dungeon terrain with user interface. Monsters and objects were added after porting to C++.

Independent

Machine Learning Tic Tac Toe, 2020, Java

Computer trading systems, 2017, R and ThinkorSwim

Toad, Online art journal, 2010-2017, CSS, HTML, Wordpress