

Alexandra Bennett

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EDUCATION

University of Notre Dame

Ph.D., Computer Science

Notre Dame, IN

August 2025 - Present

St. Norbert College

Bachelor of Science, Computer Science and Mathematics

De Pere, WI

May 2024

EXPERIENCE

KBX

Software Engineering Intern

Green Bay, WI

May 2023 - August 2023

- Work in large code base hosted on Azure DevOps
- Modify and update code in the application
- Utilize branching to maintain a working application
- Participate as a scrum team member to plan and implement product features
- Assist the quality assurance team with test execution
- Design new tests for features within the application
- Work in both the front end and the back end of the application

TEACHING EXPERIENCE

University of Notre Dame

Teaching Assistant, Department of Computer Science and Engineering

Notre Dame, IN

January 2026 - Present

- **Design/Analysis of Algorithms** (CSE 40113), 50 Students
 - Grading
 - Holding weekly office hours

St. Norbert College

Teaching Assistant, Departments of Computer Science and Mathematics

De Pere, WI

August 2022 - May 2024

- **Introduction to Computer Programming** (CSCI 110), 20-40 Students
- **Applications of Discrete Structures** (CSCI 150), 15 Students
- **Software Engineering and Elementary Data Structures** (CSCI 205), 20 Students
- **Foundations of Mathematics** (MATH 250), 20 Students
 - Hold weekly office hours to assist students with questions regarding labs, programming assignments, and class concepts
 - Assist professors in lab periods by handling student questions
 - Proctor exams to undergraduate students
 - Aid professors in grading lab assignments, programs, and exams
 - Sit in class with students to assist during breakout sessions by giving hints, checking work, and further explaining concepts

PRESENTATIONS

Measuring Partisan Bias with Randomly Generated District Maps

- **Pi Mu Epsilon (PME) Conference**, De Pere, WI
- **Joint Math Meetings (JMM)**, Boston, MA

November 2022

January 2023

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, HTML

Libraries and Tools: LaTeX, Git, Numpy, Pandas