

# Anna Hartman

<https://github.com/annapachecohartman>

## Education

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College Station, TX

Texas A&M University

August 2021- May 2025

- **Major:** Computer Science, **Minor:** Business, **GPA:** 3.95 (in-major GPA: 4.0)
- **Programming Coursework:** Data Structures and Algorithms, Discrete Structures for Computing, Computer Organization, Programming Languages, etc.

## Employment

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Database Administrator Assistant at Process Consulting Services Inc.

June 2019 - July 2019

- Organized, scanned, and manipulated files from the firm's library
- Gained experience with organizational skills, file manipulation and management, and database administration
- Learned about resources and articles in chemical engineering

Research Experience for Undergraduates Internship at Texas A&M University

May 2023- Current

(<https://engineering.tamu.edu/cse/research/reu/index.html>)

- Research in Data Science and Computer Science sponsored by Google
- Learned about and gained experience with machine learning with PINN (Physics-informed neural networks) for research
- Participated in presentations, worked with faculty and graduate student advisors

Teaching Assistant for CSCE 222 - Discrete Structures for Computing at TAMU

August 2023 - May 2024

(<https://catalog.tamu.edu/undergraduate/course-descriptions/csce/> )

- Will meet weekly with the teaching professor (Dr. Carlisle) to discuss roles and responsibilities.
- Will have grading responsibilities.
- Will hold office hours multiple days per week in order to facilitate student learning and provide assistance.

## Software Projects

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**Personal Website:** [www.annahartman.com](http://www.annahartman.com) (*for additional information*) (in development)

### Personal Website (in development)

- Created webpage using HTML as well as CSS for personal/professional benefit
- Integrated an embedded pdf that will work on both desktop and mobile browsers
- Hosted on Github using Github pages
- Utilized: HTML/CSS

### Snake Game (in development)

- Available on personal website

- Created using HTML and CSS for appearance, inner mechanics created with JavaScript
- Utilized: HTML/CSS, Javascript, etc.

### **Attendance Application**

- Created and developed application to perform different functions with sample “attendance logs” for Programming Languages Course (CSCE 314).
- Used a given input file of raw data, and created objects and data structures to store the data within the file.
- Developed intuitive and aesthetically pleasing user interface with SceneBuilder.
- Utilized: JavaFX, Java, FXML files, etc.

### **Awards/Honors**

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**Lechner Scholarship:** awarded by Texas A&M University for academic excellence

**Phi Beta Kappa Scholarship:** awarded to students in the Houston Area by the Phi Beta Kappa Honor Society for academic achievement.

**National Merit Recognition Scholarship:** awarded by Texas A&M University for National Merit Recognition.

**Dean’s Honor Award (Fall 2021 - Spring 2023):** Award given by college of Engineering for outstanding academic achievement.

**Engineering Honors (Fall 2021 - Spring 2023):** I have been a part of the Engineering Honors program at Texas A&M University - entails taking honors classes, participating in events, and contributing to research.

### **Skills**

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**Software:** (*proficient*): C++, Python, Unix, Java, Excel (*familiar*): HTML/CSS, JavaFX, Javascript

**Languages:** (*fluent*): English, Portuguese (*familiar*): Spanish

**Soft skills:** problem solving, team collaboration, critical thinking, receptive to feedback/criticism