

# Reese Guthier

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## Education

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Towson University December 2025

B.S. Computer Science – Software Engineering Concentration, Minor in Biology

- GPA: 4.0
- Dean's List: Fall 2022, Spring 2023, Fall 2023, Spring 2024
- Relevant coursework: Software Engineering, Object-Oriented Design and Programming, Data Structures and Algorithm Analysis, Programming for Biologists
- Projects:
  - Developed a web application allowing students to view on campus shuttle routes and determine upcoming arrival times

## Skills

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Languages: Java, HTML, CSS, JavaScript, Python

Libraries and tools:

- Web: React, Remix
- Databases: SQL
- AI/ML: LLM, NLTK, RAG (Retrieval Augmented Generation)

## Work experience

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Software engineering intern, Visionst Inc. June 2024-August 2024

- Worked with open-source LLMs (Large Language Models) to develop a chatbot for HR-related questions
- Utilized RAG (Retrieval Augmented Generation) to incorporate company-specific information into chatbot's answers
- Collaborated with fellow interns for full-stack development of web application
- Created intuitive and easy-to-use user interface for good user experience

Lab intern, Vonhoff Lab at UMBC November 2021-April 2022

- Completed 6 Western blotting procedures to determine presence of specific protein
- Managed sorting and reproduction of 8 fruit fly lines
- Presented final results to a group of 50 students and scientists

Recruiting intern, Visionist Inc. June 2021-August 2021

- Entered data from 2,500 resumes into company's new database
- Formatted 50 employee resumes for easier reading
- Managed front desk for office of 100 employees

## Certifications

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Biotechnician Assistant Credentialing Exam (BACE) – passed with 97%, Spring 2022