

# Richard Trinh

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## EDUCATION

### Colby College

Bachelor of Arts in Computer Science

GPA: 3.6

Relevant Courses: Data Structures and Algorithms, Object-Oriented Programming, Data Analysis and Visualization, Computer Organization, Computer Vision, Linear Algebra

Waterville, ME

May 2026

## TECHNICAL SKILLS

**Languages:** Python, Java, C#, JavaScript, TypeScript, C, C++, Golang, SQL

**Frameworks/Tools:** React, Node.js, Next.js, .NET, Flask, Docker, Git, Postman

## EXPERIENCE

### Terracon

Software Engineer Intern

Olathe, KS

June 2023 – August 2023

- Developed ETL data collection software with **C#, .NET, and Azure**, improving invoice accuracy by 30% and reducing retrieval times by 90% when compared to manual data processes.
- Optimized UX of Terracon's project management platform for 100+ internal users by implementing a **.NET Blazor** interface that stores project searches and table view layouts.
- Integrated apps with **CI/CD**, including pull requests, code reviews, and unit/integration testing.
- Technologies:** C#, .NET, Azure, Oracle, SQL, Git, Postman

### Colby College

Computer Science Teaching Assistant

Waterville, ME

September 2023 – Present

- Held weekly office hours to help students with DSA & OOP projects and concepts in **Java**.
- Conducted code reviews on 30+ projects to debug issues and provide constructive feedback.

### Colby College

IT Support Technician

Waterville, ME

January 2023 – May 2023

- Consulted customers through phone calls, emails, and walk-ins, resolving 10+ tickets weekly.
- Increased user satisfaction by assisting non-technical users with simplified guides.

## PROJECTS

[Scholar Ninja](#) | React Native, Flask, Firebase

October 2023

- React Native** mobile app for accessing personalized scholarships based on profile and preferences.
- Developed **Flask** routes for login and utilized **Firebase** for storing user and scholarship data.

[ScholarAI](#) | Next.js, React, GPT-3 API, PostgreSQL

March 2023

- Full-stack web app for uploading PDF text to GPT-3 model for time-efficient document searching.
- Won the **Most Innovative Solution** category from 150+ participants at the GitHub All In Hackathon.

[Micromouse](#) | Python, CircuitPython, Git, Raspberry Pi

October 2022 – Present

- Designed a pathfinding robot that traverses the shortest path towards the center of a maze.
- Collaborated to implement algorithms and movement functions using **Python** and **Raspberry Pi**.

## LEADERSHIP & ACTIVITIES

Colby Robotics – Co-President

October 2023 - Present

Colby Hackathon Club – Member

October 2022 - Present

Dataiku Hackathon – 1<sup>st</sup> Place in Completeness of ML Modeling

October 2022