

# Carina Gilman

Tiffin, OH, 44883 | [carinaavram97@gmail.com](mailto:carinaavram97@gmail.com) | (567)250-0920 | [LinkedIn](#) | [Portfolio Website](#) | [GitHub](#)

## Education

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### Bachelor of Science, Tiffin University, Tiffin, OH

Major: Computer Science – Software Development & Web Design

Expected May 2025

- GPA: 4.0 / 4.0
- Relevant Courses: User Experience, Cybersecurity, Python Programming, C# Programming, Project Management, Databases

## Experience

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### Tiffin University Bookstore, Tiffin, OH

Web Designer and Inventory Manager (<https://thetueexchange.com/>)

December 2023 - Present

- Redesigned the Tiffin University Bookstore website, focusing on enhancing the user experience while maintaining brand consistency and optimizing SEO.
- Implemented a streamlined product categorization system and regularly updated inventory with new products, images, and detailed descriptions, resulting in a 277.99% revenue increase and a 150.44% rise in website visitors.

## Freelance

The Godfather Theme Drone Portfolio Website (<https://thedronefather.net>)

- Designed and developed a responsive portfolio website for a drone technology professor, utilizing HTML, CSS, and JavaScript. This led to a 25% increase in client sales by effectively showcasing a catalog of services.

## Personal Projects

CA – Clothing Store: Full-Stack E-commerce Application

- Developed a full-stack e-commerce application using C# .NET Windows Forms, MySQL, and Pandas to streamline online clothing purchases.
- Designed and implemented secure user authentication, personalized recommendations, real-time cart updates, and an intuitive user interface.
- Cleaned and optimized a dataset of 44,000 products down to 5,620 using Jupyter Notebook and Pandas, ensuring a more efficient and relevant product catalog.

Birthday Reminder App ([Live Demo](#) / [GitHub Repository](#))

- Developed a full-stack web application with React, Next.js, and MongoDB to manage and display upcoming birthdays and events.
- The app features user authentication, efficient birthday management, automatic email notifications, customizable settings, and a user-friendly interface, leading to a 40% reduction in the time spent managing birthdays manually among family and friends.

Expense Tracker App ([GitHub Repository](#))

- Developed a cross-platform mobile app using React Native and Firebase, enabling users to manage expenses efficiently. The app features 2 intuitive tabs—Recent Expenses (last 7 days) and All Expenses—and supports real-time data synchronization via Firebase.
- Enhanced user experience with 100% input validation accuracy and offline support via React Context. Integrated Axios for robust HTTP request handling, reducing data fetch times by 30%.

ToDo App ([GitHub Repository](#))

- Created a lightweight Todo app using TypeScript and React, enabling users to manage tasks efficiently.
- Implemented features to add and remove tasks with 100% functionality accuracy during testing.

Leftover Heroes ([Figma Prototype](#))

- Designed a mobile app prototype using Figma to reduce food waste and support charities.
- Developed 3 UX artifacts—empathy map, user persona, and user journey—to craft an intuitive interface for browsing surplus food deals, purchasing meals, and donating proceeds to chosen causes.

## Skills

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- Programming Languages & Frameworks: React, Next.js, JavaScript, Python, C#, .NET
- Front-End Development: HTML, CSS, Web Design Principles, User Experience, Responsive Design, Accessibility Standards (WCAG)

- Back-End Development: MongoDB, Firebase, MySQL, C#
- Version Control: Git
- Software & Tools: Adobe Photoshop, Adobe Illustrator, Microsoft Office Suite (Word, Excel, PowerPoint), Canva, Figma, AWS
- Languages: Spanish – Fluent, English – Fluent, Romanian – Fluent

#### **Professional Development Courses & Certifications**

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|---|---------------|
| • IT Specialist – Databases by Certiport / <a href="#">Certification</a>                                | December 2024 |
| • Introduction to Technical Interview Preparation by CodePath / <a href="#">Certification</a>           | August 2024   |
| • Microsoft Excel 2019 Advanced by Pearson MyLab / <a href="#">Certification</a>                        | April 2024    |
| • CCNA: Introduction to Networks by Cisco / <a href="#">Certification</a>                               | December 2023 |
| • React Native – The Practical Guide by Udemy / <a href="#">Certification</a>                           | August 2023   |
| • React – The Complete Guide (incl Hooks, React Router, Redux) by Udemy / <a href="#">Certification</a> | June 2023     |
| • JavaScript Algorithms and Data Structures by freeCodeCamp / <a href="#">Certification</a>             | April 2023    |

#### **Additional Experience**

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|--|-----------------------------|
| • Waitress – Wall Street Pub, Tiffin, OH                     | October 2021 – January 2023 |
| • Tennis Coach – Systemn Tennis, Alicante, Spain             | September 2020 – July 2021  |
| • Casino Dealer – Royal Caribbean International, Cruise Ship | September 2018 – May 2020   |

#### **Activities & Organizations**

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CodePath | *Community Member*

Tiffin University Women's Tennis Team | *Athlete*

Association for Computing Machinery (ACM) Club | *Member*