

# Carlos Guzman

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## EDUCATION

### Bachelor of Science in Computer Science, Emphasis in Artificial Intelligence

September 2025 – December 2027

University of Wisconsin-Green Bay | Green Bay, WI, United States

- Phoenix Scholar Gold Award
- GPA 3.97

### Software Developer Associate of Applied Science

August 2022 – May 2024

Fox Valley Technical College | Appleton, WI, United States

- With Honors, Phi Theta Kappa Academic
- GPA 3.97

## PROFESSIONAL SKILLS

- C#
- Java
- Python
- JavaScript + jQuery
- SQL
- React + Tailwind
- ASP .NET MVC
- Node.js
- Azure DevOps
- CI / CD
- GIT
- Microsoft Development Stack
- Agile Methodology
- Growth Mentality
- Android Development
- Generative AI
- English & Spanish
- Public Speaker

## WORK EXPERIENCE

### Software Engineer I | Fox Valley Technical College | Appleton, WI

January 2025 – July 2025

- Develop and maintain full-stack web applications for the National Criminal Justice Training Center (NCJTC) and Internet Crimes Against Children Task Force (ICAC), ensuring security, accessibility, and performance.
- Design and implement new features across the front-end (CSHTML, SCSS, JavaScript, jQuery) and back-end (.NET Core, C#, MVC, REST APIs, SQL Server) to enhance functionality and user experience.
- Optimize database performance, enforce best practices, and integrate with external services for seamless data processing.
- Resolve complex issues, perform code reviews, and collaborate with Agile SCRUM teams to continuously improve system reliability and maintainability.
- Ensure compliance with accessibility standards and modern web security practices to deliver high-quality, user-friendly applications.

### Operations Engineer, IT | Fox Valley Technical College | Appleton, WI

September 2024 – December 2024

- Resolved complex full-stack production issues across five .NET projects (v4.8 to 8.0), enhancing functionality and user experience on FVTC's web platforms.
- Conducted root cause analysis and implemented optimized solutions using C#, MVC, and Domain-Driven Design, reducing issue recurrence and improving platform stability.
- Collaborated with Agile SCRUM teams, actively participating in sprints and refining technical documentation to support development and deployment processes.
- Leveraged Microsoft Development Stack tools (Visual Studio, Azure DevOps, SQL Server, Teams) for efficient project management and cross-functional collaboration.
- Engaged closely with end-users to ensure continuous improvement in applications, providing high-quality support that aligns with business needs.

### Software Developer Intern | Fox Valley Technical College | Appleton, WI

March 2024 – May 2024

- Collaborated with a dynamic Software Engineering team to develop and maintain web applications, APIs, and services, adhering to Agile methodologies.
- Contributed to software quality assurance by actively monitoring deployments and engaging in the testing process, ensuring alignment with business requirements.
- Gained hands-on experience with C#, .NET Core & Framework, MVC, API architecture, Design patterns, SQL, HTML, CSS, and JavaScript while working under the guidance of experienced professionals.
- Demonstrated effective written and verbal communication skills while fostering a collaborative team environment and maintaining a strong work ethic with close attention to detail.

**Business Consultant Intern** | BizSquad Internship, Fox Valley Technical College | Appleton, WI January 2024 – May 2024

- Collaborated with a multidisciplinary team to provide strategic business solutions, gaining hands-on experience in consulting and project management.
- Maintained professional communication with clients and team members, adhering to SCRUM project management guidelines to ensure timely and efficient project completion.
- Analyzed client needs and developed tailored solutions for three distinct projects, enhancing business operations and community outreach.
- Designed professional communication materials and documentation, ensuring clarity and effectiveness in client interactions.

**IT Tutor** | Fox Valley Technical College | Appleton, WI January 2023 – May 2024

- Provided individualized tutoring and assistance to students in IT and programming-focused classes.
- Collaborated with students to solve complex programming problems and improve understanding of key concepts.
- Demonstrated proficiency in C#, C++, JavaScript, SQL, PHP, Adobe Illustrator, and Photoshop.
- Contributed to the Teaching and Learning Center by helping students overcome academic challenges.

## HONORS & ACTIVITIES

**Phi Theta Kappa Academic Honor Society**

- Wisconsin Top Student, All-USA Academic Team New Century Pathway Scholarship February 2024
- Coca-Cola Global Leaders of Promise Award August 2023
- Chapter Vice-President March 2023 – May 2024

**Fox Valley Technical College**

- Achievement Against the Odds Award April 2023
- IT College Club Parliamentarian September 2022 – January 2023

**The Costa Rica United States Foundation for Cooperation (CRUSA)**

- Dr. Ana Sittenfeld International Scholarship Program for Specialized Technicians September 2021

## CERTIFICATIONS

**Foundations of User Experience (UX) Design** | Google Career Certificates October 2024

- Credential ID Q10HCR260RBP
- Content: The Role of an UX Designer | Universal design, inclusive design, and equity-focused design | User-centered design | Assistive Technology | Accessibility | Design Sprints | UX Research

**Generative AI Fundamentals** | Google Cloud Skills Boost June 2023

- Credential ID 3912526
- Content: Introduction to Generative AI | Introduction to Image Generation | Introduction to Large Language Models (LLM) | Introduction to Responsible AI

**Tutor Training** | Fox Valley Technical College May 2023

- Content: The Role of The Tutor | Using Effective Questions to Guide a Tutoring Session | Tutoring Center Administration: Best Practices for Hiring, Tracking & Reporting | Developing Critical Thinking Skills

**Project Management and Formulation Workshop** | Cenecoop R.L. March 2019

- Credential ID NJ-01-2019-3670