

Nathanlie Ortega

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Effective, results-oriented computer science graduate with proven expertise in full-stack development, database management, and software engineering. Experienced in building secure, scalable web applications using modern web frameworks and programming languages. Seeking to leverage technical skills and a collaborative mindset to contribute to innovative software development projects.

SKILLS

Front-End: React.js | JavaScript | HTML5 | CSS3 | Tailwind CSS | Material-UI | Responsive Design

Back-End: Node.js | Express.js | Firebase | Python | C++ | C# | Java | REST APIs

Database: Microsoft SQL Server | MongoDB | Microsoft Access | Database Design

Tools & Technologies: Git | GitHub | Vercel | Visual Studio Code | Microsoft Office Suite | Jenzabar

Development: Object-Oriented Programming | Data Structures | Algorithms | Version Control

EDUCATION

Bachelor of Applied Arts and Sciences in Computer Science

University of North Texas, Denton, TX

December 2025

GPA: 3.9 | Summa Cum Laude

Associate of Applied Science in Computer Information Systems

North Central Texas College, Corinth, TX

May 2023

GPA: 4.0 | Summa Cum Laude

HONORS AND AWARDS

President's List

Fall 2023; Spring 2024; Spring 2025

Occupational Skills Award – Computer Help Desk

December 2022

CERTIFICATIONS

- **Amazon Junior Software Developer** | Coursera Professional Certificate, June 2025

• [View Certificate](#)

EMPLOYMENT

User Support Specialist Internship

North Central Texas College

June 2023 – September 2023

Corinth, TX

- Provided technical support and database management using Jenzabar Server
- Collaborated on IT projects and process improvements with cross-functional teams
- Demonstrated proficiency in virtual machine setup and digital imaging workflows

Appraiser Trainee

Aaron's Business

June 2021 – August 2021

Frisco, TX

- Conducted mathematical research and data analysis to produce accurate real estate valuations
- Utilized Microsoft Office applications for documentation and client communications

PROJECTS & PUBLICATIONS

PomoHarvest - Productivity Web Application

[Live Link](#) | [GitHub](#)

May 2025 – Jul 2025

- Modern Pomodoro timer with task management, user authentication, and productivity analytics
- Built responsive UI using React 18, Tailwind CSS, and Framer Motion animations

AllRecipes - Recipe Discovery Web Application

[Live Link](#) | [GitHub](#)

May 2025 – Aug 2025

- Recipe discovery platform with cuisine categories, search functionality, planner, and favorites collection
- Integrated external APIs with advanced filtering and user account system featuring theme customization

TicketUnify – Event Ticket Web Application

[Live Link](#) | [GitHub](#)

October 2025 – Jan 2026

- Built full-stack ticketing platform with React, Node.js, Firebase, and Stripe integration
- Implemented QR validation, automated email delivery, and real-time analytics dashboard

• [View Publication](#)

Lund, B., Mannuru, N. R., Teel, Z. A., Lee, T. H., **Ortega, N. J.**, Simmons, S., & Ward, E. (2026). Student Perceptions of AI-Assisted Writing and Academic Integrity: Ethical Concerns, Academic Misconduct, and Use of Generative AI in Higher Education. *AI in Education*, 1(1), 2. <https://doi.org/10.3390/aieduc1010002>