

Kevin Ornelas-Ceron

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SKILLS:

Computer Skills: PC building, troubleshooting and maintenance, Excel, LaTeX

Programming Languages: Java, Python, C, HTML, CSS, JavaScript, Astro,

Language Skills: Spanish

Leadership Skills: Small Team Management, Planning and Organization

EDUCATION:

University of North Carolina Greensboro, Greensboro, NC, May 2024

Bachelor of Science in Computer Science

Minor: Spanish

EXTRACURRICULARS:

Refine Open-Source Hackathon, Greensboro, NC, January 2023 – February 2023

UNCG Computer Science Club, Greensboro, NC, January 2022 – May 2022

TECHNOLOGY PROJECTS:

Mock Medical Pharmacy WebApp, Class Group Project, Greensboro, NC, August 2023 – December 2023

- Built using HTML, JavaScript, and CSS for application user interface
- Implemented interactive features to simulate prescription management and patient processing.
- Gained hands-on experience in web development, teamwork, and project management.
- Developed back-end functionality for secure user authentication and login functions.
- Designed and implemented a database system to store and manage mock patient data.

Barbershop Scheduling Mobile/Web App, Group Project, Greensboro, NC, January 2024 - Present

- Developed a dynamic booking system, incorporating features for appointment scheduling, payment processing, and client management to streamline the booking process.
- Utilizes Swift for the mobile application and HTML, CSS, and JavaScript for the web application.
- Equipped with secure user authentication and login functions for user security.

Snake Game Program, Freelance Project, Greensboro, NC, January 2022 – June 2022

- Developed using Java, incorporating user input for command handling.
- Implemented an efficient data structure to manage character coordinates and movement boundaries.
- Prioritized user-friendly controls and intuitive gameplay.

Personal Website, Freelance Project, Burlington, NC, December 2022 – Present

- Designed a personal website that will showcase personal projects and work experience.
- Created using HTML, JavaScript, and CSS. (Currently under revision to use Astro Web Framework)
- Employs responsive controls and links that will react based on user control input.

RELATED COURSEWORK:

CSC 330, Advanced Data Structures and Algorithms 3, UNC Greensboro, January 2023 – May 2023

- Design divide-and-conquer algorithms using three steps and apply them to merge sort, quicksort, dynamic programming, and backtracking.

CSC 340, Software Engineering, UNC Greensboro, August 2023 – December 2023

- Engineering discipline concerned with finding and applying solutions to problems encountered in delivering high quality, large-scale, real-world software systems in a timely and cost-effective manner.

CSC 429, Artificial Intelligence, UNC Greensboro, August 2023 – December 2024

- Logical foundations, knowledge representation and reasoning, search, and selected topics such as natural language processing and reasoning under uncertainty.

CSC 407, Network Analysis, UNC Greensboro, August 2023 – December 2024

- Concepts and methods of network analysis, including network data extraction, management, model, visualization, and analysis of network structure and dynamics.

CSC 300X, Web Development, UNC Greensboro, January 2024 – Present

- Concepts of web application development, including web page structure and appearance, client-side interactivity and behavior, web services and APIs, server-side scripting, persistent data storage, and software version control.

CSC 462, Operating Systems, UNC Greensboro, January 2024 - Present

- Concepts and principles of modern operating systems, and to provide opportunities to relate theoretical principles with operating system implementation.

CSC 472, Database Systems, UNC Greensboro, January 2024 - Present

- Contemporary database systems. Emphasis on query processing, design, and implementation of applications in relational (SQL) databases. Introduction to other database models such as XML, object-oriented, and deductive.

WORK EXPERIENCE:

US Marine Corps (Reservist), Twenty-Nine Palms, CA and Greensboro, NC

Ground Electronics Telecommunications and IT Systems Maintainer, July 2016 – July 2024

- Install, diagnose, modify, and perform field level repairs on Marine Corps Common Hardware Suite systems, intelligence processing systems, IT systems, telephone switching systems, and related equipment.
- Utilized Active Military Security Clearance for vital services.

U Grow We Cut Lawn Care Company, Burlington, NC

Owner/Manager, August 2023 - Present

- Developed and implemented lawn care and maintenance strategies tailored to each client's needs.
- Managed daily operations, including mowing, edging, and blowing lawns, as well as trimming and pruning shrubs and trees.
- Provided professional customer service, ensuring client satisfaction and repeat business.