

# Cesar Caballero

Software Developer  
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## EDUCATION

**B.S. in Computer Science**, Dec 2023 | GPA: 3.56  
Northern Illinois University, Dekalb, IL  
Emphasis: Software Development  
Certificate: Geographic Information Systems  
Clubs: Association for Computing Machinery

**A.S. with Honors**, Dec 2020 | GPA: 3.24  
Elgin Community College, Elgin, IL  
Awards: Transfer Scholarship

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## RELEVANT COURSEWORK

- Computer Programming in C++
- Intermediate Programming
- Data Structures & Algorithms
- UNIX and Network Programming
- Programming in Assembler Language
- Computer Architecture and Systems Organization
- Databases
- Introduction to Software Engineering
- iOS Mobile Device Programming
- Computer Programming for the Geosciences

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## ACADEMIC PROJECTS

### E-COMMERCE WEB BASED STORE, NIU | December 2022

- Built an application that implements a web-based, database-driven tool that handles an online store
- Accomplished project with a group of students and utilized GitHub to track our code
- Designed pages with HTML, PHP, SQL to present a product to a user or an employee

### TCP STREAM, NIU | May 2022

- Created a server program listens in a loop for incoming TCP requests from the client
- Implemented a feature that forks a child process to read and process the request
- Wrote the code in C++ using principles in network programming

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## WORK EXPERIENCE

### GIS Technician (Geographic Information Systems), City of Elgin | January 2022 – Present

- Completed thorough training on Esri's ArcMap and for the city's unique GIS
- Interpret and annotate engineering plans to digitize the city's water distribution system in ArcMap
- Perform georeferencing, data creation, and editing on all the city's water utility data
- Conduct monthly peer reviews of utility data for quality assurance/ quality control purposes
- Attend regular meetings with the water department to discuss any unresolved utility data questions
- Participate in weekly field verifications for quality assurance/ quality control of mapped utility data

### Sales Associate, Menards | January 2019 – Present

- Assist customers with finding products they need from the store
- Educate customers with any installation/general information about products

### Shift Leader, Dairy Queen | March 2016 – April 2021

- Lead peers by delegating my team to certain tasks
- Counted and took note of cash accurately to verify sales at the end of the night
- As a key holder devoted mornings ensuring store is organized

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## SKILLS

- C++, Python, PHP, SQL(MariaDB), HTML
- Windows, Linux, (Familiar) Mac
- Visual Studio, VS Code, Vim, Nano
- Git and GitHub
- Proficient in Microsoft Office
- Bilingual (English and Spanish)