

# Edgar Carbajal

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## Education:

<b>B.S. in Computer Science w/ Applied Math Minor</b>	<b>Northern Illinois University</b> GPA: 3.95	<b>Aug 2022 - May 2024</b> DeKalb, IL
<b>Associates in Science</b>	<b>McHenry County College</b> GPA: 4.00	<b>Aug 2020 - May 2022</b> Crystal Lake, IL

## Skills:

<b>Programming Languages:</b>	C++   Python   Javascript, HTML & CSS   Java   SQL   C#   Swift   Bash
<b>Technologies/Libraries:</b>	React.js   iOS   Express.js   Git/Github   Spring   CI/CD   Blazor   WPF
<b>Other:</b>	MS Word   MS Excel   Unreal Engine 4   Forklift Operator

## Experience:

<b>Graphic Designer/Software Developer</b> <i>McHenry County</i>	<b>Feb 2025 - Current</b> <i>Woodstock, IL</i>
<ul style="list-style-type: none"><li>Working as full-stack developer creating websites &amp; internal-use applications for use in the Illinois 22nd Circuit Court at McHenry County</li></ul>	
<b>Software Engineer IT Intern</b> <i>John Deere</i>	<b>May 2023 - Aug 2023</b> <i>Moline, IL</i>
<ul style="list-style-type: none"><li>Revamped an old, static feature in a highly-used web application by John Deere equipment dealers to be more dynamic/user customizable.</li><li>Worked with frontend using React and Typescript for the web application UI/user behavior, and backend with Java and Spring to create new API endpoints and connect to the application database.</li></ul>	

## Notable Projects:

<b>Plant Company Quote Web Application</b> 🔗 <i>Intro to Software Engineering (CSCI467) Semester Project</i>	<b>Jan 2024 - May 2024</b> <i>DeKalb, IL</i>
<ul style="list-style-type: none"><li>Semester group project where we built a web application that tracks quotes for a plant company; meeting requirements given to us by the professor.</li><li>Used React + Node.js as the frontend application server, Express.js as the backend/API server, and MariaDB as the database.</li><li>Learned a lot about the software development cycle, and how to convert user requirements into a fully-functioning software product.</li></ul>	
<b>Karaoke Web Application</b> 🔗 <i>Databases (CSCI466) Semester Project</i>	<b>Jan 2023 - May 2023</b> <i>DeKalb, IL</i>
<ul style="list-style-type: none"><li>Used PHP to interface with the backend, and dynamically printout the HTML/CSS to be rendered to the frontend.</li><li>Showed my knowledge about how to set up database schemas in a relational database, how to make sure how to use SQL to get, and update the right data.</li></ul>	