




Edgar Carbajal

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Education:

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

Skills:

Programming Languages: C++ | Python | Javascript, HTML & CSS | Java | SQL | Julia | Swift | Bash

Technologies/Libraries: React.js | iOS | Express.js | Git/Github | Spring | Maven | CI/CD


Other: MS Word | MS Excel | Unreal Engine 4 | Forklift Operator

Experience:


Software Engineer IT Intern **May 2023 - Aug 2023**
John Deere *Moline, IL*

- Revamped an old, static feature in a highly-used web application by John Deere equipment dealers to be more dynamic/user customizable.
- 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.

Notable Projects:

Plant Company Quote Web Application  **Jan 2024 - May 2024**
Intro to Software Engineering (CSCI467) Semester Project *DeKalb, IL*

- Semester group project where we built a web application that tracks quotes for a plant company; meeting requirements given to us by the professor.
- Used React + Node.js as the frontend application server, Express.js as the backend/API server, and MariaDB as the database.
- Learned a lot about the software development cycle, and how to convert user requirements into a fully-functioning software product.

Karaoke Web Application  **Jan 2023 - May 2023**
Databases (CSCI466) Semester Project *DeKalb, IL*

- Semester group project where we built a web application given requirements by the professor; to show what we had learned about databases.
- Used PHP to interface with the backend, and dynamically printout the HTML/CSS to be rendered to the frontend.
- 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.