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Ross Crawford

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Education

Jacksonville, FL	University of North Florida	August 2020 - December 2023
<ul style="list-style-type: none">BS in Software Engineering.		GPA: 3.44

Employment

General Merchandise	Target	August 2021 – Present
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- Customer support and managing inventory of the store.
- Employs use of BarScan iOS app for creating barcodes from DPCIs.

General Merchandise	Winn Dixie	July 2019 – August 2021
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- Helped customers check out quickly at register while ensuring customer retention.
- Filled inventory to shelf and managed receiving products from vendors

Projects

File Sharing Utility via React/.NET

<https://github.com/spookyalien/fileServer>

- Reduces reliance on third party servers and saves time by localizing file transfers.
- Integrates RESTful API for seamless communication between stacks.
- Combines React's re-usability of components with ASP.NET's versatile controllers.

BarScan iOS App

<https://github.com/spookyalien/BarScan>

- Saves company payroll by eliminating time taken by faulty barcodes as well as speeding up scanning of normal item codes.
- Uses Apple's Vision to identify text on captured image for extraction and conversion into a barcode using CoreImage.
- Filtering of text using regex in order to only produce relevant barcodes.

Relational Schema Student Database

<https://github.com/spookyalien/cop3703DB>

- Collaborative project involving 2 other team members to create a program that, with user input, uses Java to send preformatted prepared SQL statements to a JDBC Oracle Server.
- Maintains referential integrity constraints as well as linking foreign keys to primary keys.
- Front-end CLI to receive selections combined with back-end that manages requests to database.

Technical Skills

- Languages: C++, Javascript
- Frameworks and Libraries: ASP.NET, wxWidgets, React
- Tools: Git, Linux, Make