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Ross Crawford

Github: spookyalien

Linkedin: ross-crawford-a202a8120

Education

| **Jacksonville, Fl** | **University of North Florida** | **August 2020 - December 2023** |

- BS in Software Engineering. GPA: 3.44

Employment

| **General Merchandise** | **Target** | **August 2021 – Present** |

- Praised for dependability and passion in managing inventory of store.
- Employs use of BarScan iOS app for creating barcodes from DPCIs.

| **General Merchandise** | **Winn Dixie** | **July 2019 – August 2021** |

- Consistently complimented by managers for quick learning.
- 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 .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++, Java, JavaScript
- Frameworks and Libraries: .NET, wxWidgets, React, axios/fetch
- Tools: Git, Linux, Make