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WORK EXPERIENCE	**Bound to Stay Bound Books,** Jacksonville, Illinois Software Engineer Intern	Sep 2019 - Present C#, .NET

- Transition source code from SVN to Git and GitHub
- Upgrade Bound to Stay Bound application manager to .NET 4.7.2
- Migrate Windows XP VMs from Windows 7
- Create Microsoft Reports using stored SQL procedures

Levi, Ray and Shoup, Inc., Springfield, Illinois   May 2019 – Aug 2019
Software Engineer Intern   VB.NET, C#, Python

- Assisted team of interns in creating a printer that responds to TCP, UDP and HTTP, using C# and .NET for the purpose of migration testing from Windows Print Servers to LRS' core application
- Utilized object oriented programming and asynchronous/multithreaded programming to create and add on to "printer emulators," using VB.NET, designed to demonstrate vital components of LRS' software
- Implemented PJL (Printer Job Language) and ZPL (Zebra Printing Language) communication between "printer emulators" and LRS' core software using VB.NET and a TCP network stream
- Collaborated with other interns to write a Python script for module detection to fill out license files for custom scripts
- Wrote Perl and PowerShell filter scripts for LRS' core application, VPSX, that filters print jobs by specific user data input fields
- Maintained code using Git, SCM-Manager, and Sourcetree
- Created a "mock" company website using HTML and CSS

Illinois College, Jacksonville, Illinois   August 2018 – May 2019
Student Developer and Technician   XML, SharePoint, PowerApps

- Built a "check in" PowerApps application for the athletics department utilizing student's barcode ID numbers and a SharePoint database
- Maintained and created Microsoft Flows for IT department's SharePoint website
- Created documentation for existing software projects
- Redesigned college's ModoLabs mobile application

SOFTWARE PROJECTS

Store Database GUI – C#, .NET, SQL – In progress

- Creating a WPF supermarket application that utilizes MySQL to store typical supermarket data in a database

Product Store – Java – 2 weeks

- Application that allows users to enter data and details about products using nodes and a linked list to keep track of product's data values

EDUCATION

Illinois College, Jacksonville, Illinois
Bachelor of Science Graduating May 2020
Major: Computer Science   Dean's List   GPA: 3.56 / 4.0