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languages (human)

English (native)
Spanish (native)

programming

Java
Java (Android)
C++
Typescript
Groovy
JavaScript
PowerShell
ASP.NET
Python
PHP
ruby on rails

tools / frameworks

Docker
VMWare
OpenGL
SpringBoot
Grails
git
Jekyll
CSS & HTML
Twitter Bootstrap
AngularJS
Yocto
L^AT_EX

education

2010-2015 **Bachelor** of Computer Science
GPA: 3.48

University of Kentucky

experience

2018- **Lexmark**

Lexington, Kentucky

Software Engineer

Full stack engineer for Lexmark's Print Management team. Current tasks include researching and planning various technologies for the implementation of a new API for the team's product. Tech stack that is being researched at the moment are the following:

- Microsoft Azure and migrating towards Azure from Amazon Web Services.
- Docker
- Swapping from Grails to Kotlin.

2017-2018 **Lexmark**

Lexington, Kentucky

Junior Software Engineer

Software engineer for Lexmark's Printer Configuration team. Worked closely with product owners and other Lexmark Cloud teams to maintain and improve a RESTful web application to configure, deploy, and manage printer configurations. Key tasks included:

- Develop features specified by product owners.
- Maintain all packages.
- Work closely with Lexmark's common UI team to create UI components to a shared library that could be used by the Printer Configuration team, and other Lexmark Cloud teams.
- Manage and update backend database tables.

2017 **Lexmark**

Lexington, Kentucky

Junior Software Engineer

Software developer for Lexmark's Print Management SaaS team. Worked with architects, product owners, User Experience, and other engineers to deliver a RESTful web application. Key tasks included:

- Develop web pages based on deliverables specified by product owners.
- Address all Safari based issues for the team.
- Participate in a kanban development cycle
- Tech stack used: Typescript, Groovy, JavaScript, AngularJS, Grails

2016-2017 **Lexmark**

Lexington, Kentucky

Junior Firmware Engineer

Firmware engineer for Lexmark's GUI team. Collaborated with Lexmark's UI designers, User Experience teams, and other developers to develop a new touch panel UI running on Android. Key tasks included:

- Develop new feature specifications.
- Create and expand upon the testing frameworks used.
- Optimize code to handle having limited hardware.
- Fix any bugs that would arise, which were frequently categorized into the following.
 - * Grey screen printer crashes.
 - * Android out of memory issues.
 - * General UI defects.
- Participate in a scrum based development cycle.
- Mentor new contractors and interns.
- Tech stack used: Java (Android), C++, git, gerrit, yocto

2015 **Lexmark**

Lexington, Kentucky

Software Engineer Intern

Projects worked on include:

- Print rendering engine web application. Developed a SpringBoot application to convert HTML to PDF for printing labels.
- Data collector for Lexmark's Managed Print Services. A RESTful web service that would gather printer data for studying usage.
 - * Tech stack used: Java, AngularJS, Spring Boot, Grails, and Twitter Bootstrap

2012-2014 **Ashland Incorporated**

Lexington, Kentucky

Distributed Infrastructure Systems Co-op

Windows/Intel system admin.

Major Projects:

- VMWare Infrastructure upgrade from 4.1 to 5.1
- Windows 7 Migrations:
 - * Helped maintain legacy applications when upgrading to Windows 7
- Developed PowerShell scripts for automation. Major ones include:
 - * Created a personalized server cleanup program.
 - * Automation script that terminates user server sessions based on time sessions and other criteria.
- Assisted on server imaging.

2010 **Liberty Telephone**

Frankfort, Kentucky

Summer Assistant

Assistant in structured cabling for voice, data, alarm, and security systems.