Kyle Spraggins

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Experience

Siemens Software, Intern, Software Development   3 Semesters

- Developed Java code that used AWS to make HTTP requests and return the results to a Mendix application
- Implemented OAuth into Mendix applications using Java code
- Wrote C++ templates to generate SDKs for use with Microservices
- Developed new capabilities for user management in an app for cataloging 3D parts
- Practiced Agile development and version control; gave daily updates and multiple demos

Hyland Software Inc, Intern, Research and Development   2 Semesters

- Created a program that generates an XSLT to transform outgoing documents into the format expected by a web service
- Worked with another intern to develop an XML Schema Editor using a tree view and document view; integrated the program into internal systems to be used by software developers

Skills

- Programming Languages: C#, C++, Java, MATLAB, Typescript
- Version Control: GitLab, Team Foundation Server
- Web Development: CSS, Javascript
- Programs: Visual Studio, VS Code, Eclipse Java, SQL Server, XML Documents and Schemas
- Other Programs: VMWare Virtual Machine, qtcreator, Mendix, NetBeans

Project Interests

- Dynamic Ad blocking service
- Data/statistical analysis for things like pollution sources or fantasy sports
- App for recording ongoing incidents and simultaneously uploading and backing up to various sources; mainly for police interactions
- Open to most things really