

Alex Lepinski

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TECHNICAL SKILLS

Programming Languages c#, TypeScript, JavaScript, Java, Python, LESS, Sass, CSS, Salesforce Apex, T-SQL, HTML, L^AT_EX

Frameworks React JS, VueJS, Spring, Microsoft ASP .NET, ASP.NET Core, Razor, Webforms, IIS, SSRS, SSIS, Git, TFS, Amazon Web Services, Docker, Jekyll, Salesforce

WORK EXPERIENCE

JAN. 2013
Present **Systems Development Engineer**
Center for Applied Systems and Software - *Corvallis, OR*

- Created FOSS .NET core applications
- Utilized CI tools to automate testing, build, and deployments of applications to cloud services
- Managed and led a group of 6 college-level students and taught fundamentals of software engineering with real-world applications
- Worked directly with customers to produce process flows, mockups, and functional requirements
- Created customized software for customers to optimize business flows and prevent data errors
- Managed project budgets, status reports, cost estimates, and time estimates
- Utilized SQL ETL Packages to automate data delivery to Salesforce systems

PROJECTS

AUG. 2016
PRESENT **Smarter Balanced Sample Items & Item Viewer Service**
Center for Applied Systems and Software
An open source .NET Core web application hosted in AWS using Docker.
Teachers, parents, and students use this application to search for test items, understand scoring, and interact with test items using Item Viewer Service. This application will be used by 4,700 educators and will support up to 5,000 concurrent users. Item Viewer Service, a Java web application hosted in AWS using docker. This application exposes Smarter Balanced's item rendering service.

JUNE 2014
PRESENT **Oregon State University Plant Breeding Program**
Center for Applied Systems and Software
Full stack ASP.NET 4.6 MVVM web application (SSRS, SSIS, SQL).
Web application to assist breeders to determine quality of species, track species, create visual representations of fields, and to record phenotypic information. Migrated a decade old Microsoft Access database to Sql Server.

APR. 2013
MAR. 2017 **Oregon State University Applicants & Student Tracking**
Center for Applied Systems and Software
A Salesforce application with custom apex code to track student data.
Parameters tracked included progress, admission rates, online application submissions, admission processing, and student events. More than 3,000 applicants a year are processed using this application and over a thousand tracked students.

EDUCATION

SEP. 2010 **Computer Science**, Computer Systems Option
APR. 2014 Oregon State University - *Corvallis, OR*

SEP. 2008 General Studies
JUNE 2010 Columbia Gorge Community College - *The Dalles, OR*