

#SUMMARY

Experienced in all aspects of planning, implementing, and maintaining IT projects for college, administrative, and research-based use. Including requirements gathering, stakeholder identification, team building, graphic design, programming, infrastructure development, quality assurance/testing, and documentation. Competent leader in team environments with technical and non-technical members. Strong execution of project management skills. Provides flexible, multi-solution approaches to IT challenges faced by units, staff, and researchers in higher education.

#SKILLS

Project Management

project plan
business process redesign
testing/qa plan
cost benefit analysis
project documentation
project methodologies
maintenance plan

Coding

asp.net, .net core, asp
c#, vb, php, python
entity framework, hibernate
outlet, active record
html, css, less, bootstrap, kendo
javascript, jquery, knockout, vue

Infrastructure

git, svn, tfs
aws rbd, ec2, route53, s3
sql server, mysql
dns management
windows server, iis, azure
active directory, edw

Design/Media

photoshop
illustrator
captivate
premiere
visio
audacity

#WORK

IT Manager/Lead Developer

Division of Research Safety, UIUC

2020 - Present

Senior Research Safety & Admin Developer

Division of Research Safety, UIUC

2017 - 2020

Senior Research Safety Developer

Office of the Vice Chancellor for Research & Innovation, UIUC

2014 - 2017

- Responsible for all IT projects and staff at the Division of Research Safety, increasing responsibilities and team size over time.
- Created design, coding, and infrastructure standards to make common processes more reproducible and take less time by reducing decision points.
- Completed two full web site redesigns (public site + intranet), including a light CMS for static content and news, permissions, and site role management.
- Converted legacy apps, Excel files, Access databases, and paper forms to modern web applications with new design, management tools and reporting for: Autoclaves, Biosafety Cabinets, Lab Audits, Research Facilities, Personnel, Hazards, Lasers, Eyewash and Safety Showers, Equipment Testing, Hazardous Material Door Signs, IBC Registrations, Training, and more.
- Developed online trainings for hazardous material safety related courses. Created a reproducible process and design standard, then trained DRS staff how to create training in Adobe Captivate to become self-sufficient without IT staff intervention.
- Increased data sharing between units across campus. DRS pushes and pulls data from: Engineering, OVCRI, GIS, and ACES. Started the programmers @illinois initiative to increase collaboration, resource sharing, and communication between developers across units.
- Oversaw an infrastructure overhaul, included consolidation of data and hardware. Integrated with Tech Services for helpdesk/networking support.

Web App Developer (Service in Excess, Part Time)

Illinois Natural History Survey, UIUC

2016 - Present

- Responsible for supporting INHS and IDNR Fisheries Division through web application development and design.
- Created a new web portal for fisheries research and analysis, re-wrote a fish stocking/stock card app and converted a desktop flat file app to a web app.

#WORK CONT.

Web Applications Analyst

Division of Research Safety, UIUC

2011 - 2014

- Maintained and updated DRS web applications, databases, and servers.
- Consolidated redundant and duplicate data sources across multiple mediums into one authoritative source for use in all future projects.
- Redesigned the public website and created a base set of design standards and APIs to be used in future projects.
- Provided secondary help desk and networking support.

Web Specialist

College of Law, UIUC

2008 - 2011

- Maintained and updated the college's website, including design, content, and front-end coding.
- Rewrote the college's intranet from asp to .NET. Provided a light course CMS for professors to post content. Included role management and permissions based displaying of pages.
- Designed and implemented digital signage for TVs hung outside every classroom and main entrances. Included classroom schedules, special events and news, maps/directory info, and weather.
- Implemented an e-commerce site for the college's bookstore. Modifying a vendor purchased web app. Coordinated with vendor for ongoing support and provided training to law staff for register and site usage.
- Provided secondary help desk and networking support.

#MISC TRAINING

2021

Illinois Supervisory Skills Program

University of Illinois

Completed June 30, 2021

The program provides an opportunity to develop self-awareness of management styles and personal biases, to practice strategies for resolving conflict, and to build confidence in leading others through performance feedback and coaching techniques.

#EDUCATION

2007

BS In Information Sciences and Technology

Penn State University



#HOBBIES

Weightlifting



Martial Arts



Building CPUs

