Edward C. Delaporte V

I make computers better at meeting the needs of humans.

Contact Info

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- Resume as PDF

Highlights

- Bachelor's Degree In Computer Science from the College of Engineering at UIUC in 2006.
- Writing software professionally since the year 2000.
- Built a lot of websites for a lot of purposes with a lot of different technologies.
- Has effective work habits and great interpersonal skills.

Career

Programming Team Lead January 2017 - Present

First Busey Corporation - Busey Bank, Champaign, IL

- Manages three software developer direct reports.

- Ensures resource and timeline needs are met for software development projects.

- Occassionally presents technology demonstrations to prospective clients.

- Collaborates with security, infrastructure, operations and sales teams to improve our baseline product offerings.

Senior IT Programmer July 2015 - January 2017

First Busey Corporation - Busey Bank, Champaign, IL

- Builds financial transaction websites using Microsoft C Sharp (C#), ASP.Net, Model View Controller (MVC), Razor Partials and React.js.
- Guides projects through the software development life-cycle, including requirements, implementation, delivery, testing and maintenance.
- Was recognized as a key contributor in the integration of Pulaski Bank infrastructure.
- Proactively collaborates across the organization.
- Launched MyPropertyPay.com.
- Builds infrastructure tools with PowerShell.
- Manages Team Foundation Server and Git repository.
- Researches, tests, prototypes, documents, and presents technology stack improvements.
- Communicates with project stakeholders frequently, promptly, and clearly.
- Helps ensure standards of security, quality, accessibility and usability are met.
- Presents technology training at local conferences as part of the First Busey commitment to building our community.

Lead Software Developer November 2011 - July 2015

Technology Services at University of Illinois, Urbana-Champaign, IL

Lead Software Developer Responsibilities

- Researched, tested, prototyped, documented, and presented technology stack improvements for the Software Architecture Management Office.
- Worked with the identity management team to analyze improvements to our provisioning, authentication and authorization solution architectures.
- Proactively communicates with the Linux systems team to ensure support for core solution technologies.
- Trained team members in Linux, version control, Light-weight Directory Access Protocol (LDAP), web application frameworks, and deployment technologies.
- Author of the CITES Software Engineering Risk Knowledge Base (2012).
- Mentored team members in documentation and communication.
- Architected software solutions to provide legal compliance for accessibility of the Unified Communications system.
- Retired a tightly integrated, but out of date, authentication system.
- Upgraded core technologies to supported versions.
- Produced integrations to maintain a consistent identity record across three campuses.

Interim Manager Responsibilities

- Kept things running smoothly while the team was short staffed.
- Managed five full time software developers.

- Regularly met one one one with developers to provide feedback and guidance.
- Proactively communicated context for upcoming organizational changes.
- Performed performance reviews.
- Regularly met with senior members of the systems and service teams to ensure a high standard of interoperability and constantly improving baseline quality of software deliverables.

Senior Software Developer July 2010 - November 2011

Technology Services at University of Illinois, Urbana-Champaign, IL

Senior Software Developer Responsibilities

- Developed applications for the Office of Privacy and Information Assurance.
- Created software that assists the Network Security team in responding to incidents.
- Created and documented a reusable authorization library for campus use.
- Mentored junior team members within the Software Development Group and the Office of Privacy and Information Assurance.
- Fluent in several development languages, including Python, C#, Perl, Java and PHP.
- Ensured applications comply with W3C and FAE accessibility guidelines.
- Applied extensive knowledge of the application stack to solve issues - including Active Directory, Apache, Django, JSON, LDAP, Linux shell, Syslog, SQL, and WSGI.
- Maintained installation packages with Make and RedHat Package Manager (RPM).

- Documented requirements and design decisions for all projects.
- Presented training on the (now adopted as standard) Django Framework.
- Contributed to the design of a critical vulnerability correction for the Bluestem authentication service (2011).

Application Security Engineer Responsibilities

- Authored the Software Development Group Standard Security Practices (2011).
- Wrote and presented security training for campus IT professionals (2010-2013).
- Established the Office of Privacy and Information Assurance Web Application Vulnerability Scanning Service (2011).
- Provided recommendations to campus stakeholders based on vulnerability scan results (2011 - 2013).
- Served as a subject matter expert for Software Development Group authentication and authorization practices and technologies.

Software Developer March 2007 - June 2010

Technology Services at University of Illinois, Urbana-Champaign, IL

- Developed applications for the Office of Privacy and Information Assurance with guidance from a Senior or Lead Software Developer on each project.
- Wrote and deployed the Firefly sensitive data scanning software (2008). https://github.com/cites-illinois/Firefly
- Author of a series of Secure Software Development articles for campus IT professionals (2008 - 2013). A few

articles are posted publicly to
https://security.illinois.edu/blog.
- Tested modules with unittest in Python, NUnit for .Net, and JUnit for Java.
- Prototyped the team's first Django framework application. https://security.illinois.edu/content/register-your-computer
- Reviews the source code of high risk applications for the Office of Privacy and Information Assurance (2009 - 2014).
- Crafted a password generation module for use in University Admissions, to provide a campus wide compliance solution to a time-sensitive audit result (2010).

Software Developer March 2006 - March 2007

Silicon Graphics Inc. Champaign, IL

- Wrote software to track performance of supercomputers at the National Center for Supercomputing Applications (NCSA).
- Created web interfaces with generated charts and customizable content in PHP.
- Adhered to source code style best practices, including the Python PEP8 Standard and the Zend PHP Style guidelines.
- Created plug-ins to connect Nagios to data collected by Clumon; reducing monitoring overhead while keeping the benefits of both tools.

Bachelors of Science Degree in Computer Science, from the College of Engineering, at the University of

Illinois at Urbana-Champaign, May 2006

Interesting coursework:

- Wrote a binary program capable of detecting a specific manufacturing fault in a computer chip.
- Wrote a research paper on the economics of the funding of the Mozilla Foundation.
- Wrote several statistical gene analysis programs in Perl.
- Designed and simulated a pipelined computer processor for MIPS assembler.
- Classwork languages included: Java, Perl, C, C++, Visual Basic, ColdFusion, Mainframe RPG, MIPS Assembler.

Systems Administrator May 2005 - March 2006

Imaging Technology Group at Beckman Institute, U of I Champaign,IL

- Configured backup, recovery, and software installation systems.
- Installed, configured, and maintained advanced graphics software environments.
- Solved diverse software and hardware configuration issues.

Software Developer May 2000 - Dec 2005

Ablesoft Solutions Inc. Oregon, IL

- Created an elegant extensible project template in VB.Net which allowed us to create all our applications more quickly with better standard features.
- Used VB.Net, ASP.Net, ADO.Net, MS SQL Server, XML, and Javascript to build advanced web interfaces.
- Designed custom business software with focus on creating efficient interfaces, correct industry-specific business logic, and improving the customer's products and services.
- Maintained a large body of source code in complex projects with many releases.
- Collaborated with team members on code maintenance and software design.
- Used source control and documentation to maintain accurate records of changes.
- Communicated extensively with both technical and non-technical customer contacts.

Web Site Administrator, Various (pro bono) January 2007 - Present

- Created MyGoal.space - Helps you plan your "To Do" list around goals that server your vision.
- Writes Ansible playbooks to maintain various permutations of the LAMP stack.
- Handles hosting, DNS and administration of various not-for-profit websites.
- Operates various web services including WordPress, Drupal, Dokuwiki, and Minecraft.

Open Source Contributions October 2012 - Present

- Core contributor to the OWASP Ten Privacy Risks Project

- Created and maintains a command line note organizer: GitHub.com/edthedev/minion
- Maintainer of a popular command line interface for submitting weekly time reports: GitHub.com/edthedev/time_reporting
- Created a small Python web app for planning weekend activities: GitHub.com/edthedev/weekend-plans
- Created a popular Python client for the InCommon SSL API: GitHub.com/edthedev/incommon_ssl
- Created and maintains several Vim editor plugins, such as GitHub.com/edthedev/text-helper.vim
- Has commits accepted to popular projects including AngularJs, Ansible, and Kivy.

Reviewer for Packt Publishing October 2014 - Present

- [Data Mining with Python](#) (ISBN 978-1-78439-605-3)
- [Kivy: Interactive Applications in Python, Second Edition](#) (ISBN 978-1-78328-159-6)
- [Kivy Blueprints](#) (ISBN 978-1-78398-784-9)

Additional Professional Training

- University of Illinois Information Technology Services Manager Development Training
- University of Illinois Information Technology Leadership Workshop
- [SANS](#) On-site Secure Software Development Training
- Attended [DjangoCon US](#) [2012](#) and 2013
- Attended and presented at University of Illinois Webmaster's Conference 2016
- Attended and presented at University of Illinois IT Professional's Forum 2016

- OWASP Top Ten - Citigal 2017
- Defensive Programming for C# - Citigal 2017