

# Edward C. Delaporte V

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I make computers better at meeting the needs of humans.

## Contact Info

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- GitHub: [EdTheDev](#)

## Highlights

- Bachelor's Degree In Computer Science from the College of Engineering at UIUC in 2006.
- Writing software professionally since the year 2000.
- Leading software teams since 2011.
- Has 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

### **Assistant Vice President - Manager of Software Development August 2018 - Present**

- Manages all senior software engineers and senior automation engineers for First Busey Corporation.
- Piloted the FirstTech contract solutions line of business - adding half a million new revenue.
- Led successful custom software implementations that added another \$1 million new revenue in 2018.
- Interprets vuln scan results and mentors junior and senior developers in how to remediate
- Implemented development team self scanning
- Led implementation of Continuous Integration (CI/CD) pipelines on AzureDevOps to improve delivery speed, reliability, security and agility.
- Led implementation of PowerShell Desired State Config to secure new web servers with less effort and greater reliability.
- Led the development team to successfully implement ongoing 100% code review.
- Onboarded the FirstTech and Busey infrastructure, networking and database teams to adopt source control and code review.
- Led requirements gathering and analysis to make build, buy, or open source adoption decisions, leading to roughly 1/4 million in annual savings.

### **Programming Team Lead January 2017 - August 2018**

First Busey Corporation - Busey Bank, Champaign, IL

- Managed three software developer direct reports.
- Collaborated with security, infrastructure, operations and sales teams to improve custom software product offerings.
- Provided data analysis support as the organization grew from \$3.7 billion in 2015 managed assets to \$7.9 billion in 2017.

**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 Partial and React.js.
- Guides projects through the software development life-cycle, including requirements, implementation, delivery, testing and maintenance.
- Recognized as a key contributor in the integration of Pulaski Bank infrastructure.
- Built and launched [MyPropertyPay.com](#).
- Builds infrastructure tools with PowerShell.
- 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).
- Retired a tightly integrated, but out of date, authentication system.
- Produced integrations to maintain a consistent identity record across three campuses.

Interim Manager Responsibilities

- Managed five full time software developers.
- Regularly met one on one with developers to provide feedback and guidance.
- Proactively communicated context for upcoming organizational changes.

**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.
- 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.

#### 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.
- 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>
- Reviewed 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).
- Adhered to source code style best practices, including the Python PEP8 Standard and the Zend PHP Style guidelines.

#### **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.
- 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.

**Open Source Contributions October 2012 - Present**

- Core contributor to the OWASP Ten Privacy Risks Project
- Created a popular Python client for the InCommon SSL API:  
[GitHub.com/edthedev/incommon\\_ssl](https://github.com/edthedev/incommon_ssl)
- Created and maintains several Vim editor plugins, such as [GitHub.com/edthedev/text-helper.vim](https://github.com/edthedev/text-helper.vim)
- Has commits accepted to popular projects including AngularJs, Ansible, and Kivy.

**Reviewer for Packt Publishing October 2014 - Present**

Acts as a subject matter expert for Pakt Publishing.

- [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**

- Completed Evolve: Two year internal leadership training program at Busey 2018, 2019
- Completed Citigal OWASP Top Ten Training in 2017, 2018, 2019
- Completed Defensive Programming for C# - Citigal 2017
- Attended DevUp St Louis 2017, PowerShell Summit 2017
- Completed U of I Information Technology Services Manager Development (MgrDev)
- Completed U of I Information Technology Leadership Workshop (ITLW)
- Completed [SANS](#) On-site Secure Software Development Training
- Attended [DjangoCon US 2012](#) and 2013

**Community Involvement**

- Presented at Urbana IT Professionals Forum - Fall 2016, Spring 2018, Fall 2018, Spring 2019
- Webmaster - Rotary Club of Champaign since 2018
- Hosts a free "Learn Programming In Scratch!" class for elementary students at local public libraries since 2017

- Presented at University of Illinois Webmaster's Conference 2016
- OWASP Top Ten Privacy Project - Core contributor since 2015
- Handles hosting, DNS and administration of various not-for-profit websites since 2007
- Operated various web services including WordPress, Drupal, Dokuwiki, and Minecraft.