

Tyler Lemburg

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Education

Bachelor of Science

UNIVERSITY OF NEBRASKA—LINCOLN, LINCOLN, NE (2006-2011)

- Major: Mathematics, Minor: Computer Science
- Graduated with Honors

Experience

Senior Web Applications Engineer

UNIVERSITY OF NEBRASKA—LINCOLN, LINCOLN, NE (2015-PRESENT)

- Manager and lead developer for several campus-wide public services including UNL Events calendar, UNL Lockup Factory, UNL Resource Scheduler, and UNL Directory
- Provide developer support for these and other applications
- Contribute to UNL's award-winning web framework, encompassing all university websites into one look and feel

Senior Web Developer

ARCHRIVAL, LINCOLN, NE (2014)

- Built Adidas Playbook, a tool for Adidas agents to schedule store visits, file reports, and share experiences
- Implemented and managed site search (via ElasticSearch and Lucene) on several site forums, blogs, and archives
- Worked with designers to prototype and build responsive web experiences for clients

Senior Software Engineer

FIRESPRING, LINCOLN, NE (2013-2014)

- Lead developer for PaymentSpring, a user-friendly payment processing gateway
- Programmed core features including recurring billing system, PCI compliance, and online receipt management
- Managed development priorities, testing practices, and quality assurance
- Provided support for developers utilizing our API

Software Engineer

FIRESPRING, LINCOLN, NE (2011-2013)

- Managed website for St. Baldrick's Foundation, a non-profit raising money for childhood cancer research
- Developed Ruby API for mobile apps, managed PHP/Apache server architecture, and created responsive design for website raising over \$33 million per year
- Improved donation processes and user experience to raise donations by over \$5 million each year
- Integrated Facebook and Twitter to drive social media exposure

Skills

Very experienced in:

- Ruby
- PHP
- Python
- Linux/UNIX/Ubuntu
- Visualization languages (R, MatLab, IDL)
- HTML5
- CSS3/LESS/SASS
- Javascript/jQuery

Somewhat experienced in:

- .NET/C#/VB
- iOS/Swift
- Java
- AWS/EC2
- Google Analytics

Honors and Awards

- ACM-ICPC Computer Programming Contest, Honorable Mention, World Finals (2010)
- ACM-ICPC Computer Programming Contest, 2nd Place, North Central Regionals (2009)
- ACM-ICPC Computer Programming Contest, Honorable Mention, World Finals (2009)
- ACM-ICPC Computer Programming Contest, 1st Place, North Central Regionals (2008)
- National Merit Scholar (2006)
- UNL Math Day, 1st Place Class B Team Math Bowl, 4th Place Individual (2005)
- American Legion Eagle Scout of the Year (2005)
- Eagle Scout (2005)