

**EDUCATION:**

University of Iowa  
Bachelor Degree in Computer Science, December 2009  
Bachelor Degree in Mathematics, December 2009  
Graduated in 3 ½ years with a University of Iowa G.P.A. of 3.45

**TECHNICAL QUALIFICATIONS:**

Frontend: Javascript, jQuery, Backbone.js, Angular.js, D3.js, Three.js (WebGL framework), LESS  
Backend: PHP, Python, Node.js, Express  
Database: MySQL, Oracle, MongoDB  
Software: Adobe Photoshop

**PROFESSIONAL EXPERIENCE:**

University of Iowa : Iowa City IA  
Web Developer (10/2012 – Present)

Professional Responsibilities:

- o Develop the University's Universal Workflow system. This is built on a combination of CodeIgniter and Backbone.js frameworks. The functionality is similar to Gmail. It relies heavily on complex Javascript.
- o Lead project Manager for our Compliance system. This system manages employee training and qualifications.
- o Coding languages are PHP/Javascript, backend system is ORACLE.

APPMEDICAL : Iowa City IA

Software Development Lead (6/2013 – Present)

Professional Responsibilities:

- o Develop and implement user interfaces, system architectures, and back-end systems to satisfy AppMedical's business needs.
- o Manage a team of developers in implementing new functionality, and in resolving software defects.
- o Coding languages are PHP/Javascript, backend system is MySQL.

GOVOLUTION : Arlington VA

Technical Software Analyst (5/2010 – 10/2012)

Professional Responsibilities:

- o Research and resolve bugs in Govolution's shopping cart product. This is done in a LAMP development environment. Most of this work involves rewriting PHP scripts and the way they interact with MySQL databases.
- o Managed the migration of our shopping cart to PHP 5.4 environment. Rewrote all functionality that relied on deprecated functions from earlier PHP versions. I oversaw two other programmers for this project.
- o Design web pages to integrate Govolution's payment collection software into our clients existing web sites. This involves web page branding using CSS and HTML, and writing Javascript and jQuery data verification for form processing.