

# Kevin O'Connor

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kevo.io

## PERSONAL DETAILS

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## Objective

To create innovative products using non-trivial solutions with an emphasis on user experience and performance.

## EDUCATION

<b>Rensselaer Polytechnic Institute (RPI)</b>	2011 - Dec. 2014 (Expected)
<i>B.S. Computer Science - GPA: 3.6</i>	<i>Troy, NY, USA</i>

### Relevant Coursework

Database Systems, Intro to Algorithms, Operating Systems, Cryptography and Network Security, Malware Analysis, Models of Computation, Data Structures, Advanced Computer Graphics, Machine Learning

## RELEVANT EXPERIENCE

<b>Lead Software Engineer &amp; Systems Administrator</b>	March 2012 - Current
<i>Rensselaer Polytechnic Institute (RPI)</i>	<i>Troy, NY, USA</i>

- Lead custom development projects (PHP) for dynamic electronic form submission and workorder ticketing.
- Designed and engineered the redevelopment of a club and budget management system.
- Create automated CI workflows for application deployment

<b>Software Engineer Intern</b>	May 2014 - Aug. 2014
<i>Panorama Education</i>	<i>Boston, MA, USA</i>

- Built foundational components for platform API and angular SPA
- Refactored authentication mechanisms for new and existing use cases

<b>Software Engineer Intern</b>	Jun. 2013 - Aug. 2013
<i>The Blackstone Group</i>	<i>New York, NY, USA</i>

- Implemented RPC communication between application servers for distributed cache management
- Built custom authentication module for IIS FTP

<b>Systems Administrator/Application Developer</b>	Feb. 2009 - Feb. 2013
<i>Brookfield Public Schools</i>	<i>Brookfield, CT, USA</i>

- Oversaw the restructuring of workflow through custom helpdesk modules written in Perl.
- Lead the development of a cloud-based video site for public meetings.

## SKILLS

<b>Proficient in</b>	Python, PHP, C++, JavaScript, jQuery, Coffeescript, Bower, Grunt, HTML, CSS/LESS, Apache, Nginx, git, MySQL, PostgreSQL
<b>Knowledgable in</b>	Bash, regex, Photoshop, C#, Teamcity
<b>Concepts</b>	Relational Databases, Networking, Cryptography, Application Security, Reverse Engineering, Malware Analysis, MVC