Kevin O'Connor

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PERSONAL DETAILS

Permanent Address	**10 Cherry Ln., Brookfield, CT 06804**	E-mail	**kevin@oconnor.mp**
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EDUCATION

Rensselaer Polytechnic Institute (RPI)	2011 - 2015 (Expected)
B.S. Computer Science	*Troy, NY, USA*
Brookfield High School	2007 - 2011

RELEVANT EXPERIENCE

Systems Administrator — March 2012 - Current
Rensselaer Polytechnic Institute (RPI), Part-time — *Troy, NY, USA*

- Provided IT services to over 120 school recognized clubs.
- Hosted over 280 websites and 260 databases (MySQL & PostgreSQL).
- Lead custom development projects (PHP) for dynamic electronic form submission and workorder ticketing.
- Collaborated with a small team to plan the redevelopment of a club and budget management system.
- Improved and upgraded a custom touchscreen Point-of-Sale application (C#).

Systems Administrator — Feb. 2009 - Current
Brookfield Public Schools, Part-time — *Brookfield, CT, USA*

- Lead the planning and instillation infrastructure for over 600 Apple iPads with a 100 AP wireless mesh network
- Upgraded and secured a network transferring over 1TB of data per week through five different sites.
- Oversaw the restructuring of workflow through custom helpdesk modules written in Perl.
- Lead the development of a cloud-based video site for public meetings.

Information Technology Research & Development — Sep. 2007 - Jun. 2011
Brookfield High School, extracurricular activity — *Brookfield, CT, USA*

Lead a competition based project to plan, develop, and market an educational video game (developed in C#/XNA) which received several awards.

SKILLS

Application Development	*Intermediate skill set*	Data structures and algorithms in C++ and Windows application development in C#.
Networking	*Moderate skill set*	Experience working with Cisco firewalls and VPNs, subnet routing, and WAN deployment.
Hardware	*Experienced skill set*	Experience building, diagnosing, and repairing both desktop and laptops with strong knowledge of the components.
Front-end Web	*Extensive skill set*	Strong working knowledge and experience with HTML5, XML, CSS, and JavaScript (jQuery).
Back-end Web	*Extensive skill set*	Years of experience and fluency with PHP, MVC Frameworks, MySQL, Linux, Apache, Lighttpd.
Linux Servers	*Experienced skill set*	Adminstrator experience developing custom scripting for server functionality to provide optimized security and reliability.