

# Blake Edwards

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## Current Address:

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## Education

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**Siena College, School of Science** - B.S. in Computer Science, Minor in Spanish - May 2016

## Skills

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**Programming:** HTML/CSS, HTML5/CSS3, C/C++, Java, JavaScript, PHP, Python, Bash, PowerShell, Batch  
**Networking:** Cisco hubs, switches and routers, LAN/WAN, TCP/IP, DNS, DHCP, VPN, FTP  
**Operating Systems:** Windows, Mac OSX, Ubuntu, Debian  
**Languages:** English (native), Spanish (Professional proficiency)  
**Software:** Microsoft Office Suite, Eclipse, Adobe Photoshop, Adobe Flash, Adobe Premiere, Visual Studio

## Work Experience

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**Robotics Teaching Assistant**, Siena College School of Science, Loudonville, NY 2015 – Present

- Developed labs and assignments for a newly acquired robot model
- Installed and configured repositories required by students' projects
- Resolved technical issues with robotics equipment
- Assisted teacher in addressing student questions and concerns

**Desktop Support Specialist/Instructor**, Fresh Air Fund, Fishkill NY Summer 2013 – Present

- Taught multiple HTML web design classes
- Managed and maintained over 110 computers, all peripherals and applications and other associated technology
- Provided technical support to administrative staff in all five camps
- Assisted in the improvement and expansion of existing IT infrastructure
- Oversaw the development of the IT infrastructure of a new site

**Assistant Adviser**, Poughkeepsie High School, Poughkeepsie NY Spring 2013

- Advised a team of 10 students on the technology behind the application they were preparing for entry into the Verizon Innovative App Challenge using a constructed prototype

**Instructor**, Science and Technology Entry Program (STEP), New Paltz NY 2007 – 2012

- Taught an HTML web design class
- Taught a full Robotics Programming course to a class of about 20 high-school students, using the LEGO® Next Robots

**Instructor**, Poughkeepsie High School, Poughkeepsie NY Fall 2008

- Provided Professional Development for teachers in the STEM Career Academy during Superintendent Conference Day
- Professional Development involved training the teachers to build and program the LEGO® Next Robots

## Projects

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**Science and Technology Entry Program (STEP) 2012 Statewide Conference** Albany, NY

- Worked in a team of 7 on an environmental research project, "Determining Cause and Mitigation Techniques in a Freshwater Fish Kill"
- Developed a presentation of our findings and presented at the conference
- Our presentation was judged by judges from colleges across New York State, and was awarded 2nd place in the Biological Sciences category of the Senior Division