



## Contact

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## Key Skills

### Technical

MEAN, LAMP

HTML5, CSS3

LESS CSS, SASS

Bootstrap, Material Design

JavaScript, PHP, Python, Java, C#

NPM, Grunt, Composer, Bower

Angular, Backbone, React

Git, Subversion

MySQL, MongoDB, MS SQL

WordPress, Joomla, Moodle

SCRUM, Agile Development

SEO, Google Analytics

Responsive UI Design

REST API Use and Construction

MVC and other Data Structures

Object Oriented Programming

Asynchronous Programming

Adobe Creative Suite

### Professional

Organized

Self-Driven

Copywriting

Artistic and Creative

Teaching Experience

Improving Readability

Excellent Communicator

Eye for Design and Usability

Project and Time Management

## Professional Profile

**Full stack developer with 10 years of experience across a broad range of technologies. Looking to apply my skills to design and implement innovative technical solutions.**

Practice discovering user requirements, managing projects, time tracking, and meeting deadlines while freelancing. Experience leading other developers (some international) using **Agile Project Management** and **SCRUM** methodologies.

I use **industry best practices**, like simplifying code with **OOP** or **MVC** logic, and of course leaving informative commenting for other programmers. I like to include **jsDoc** or **phpDocumentor** right into the project build.

To be well rounded software developer I stay up to date in current Internet Marketing, Copywriting, and SEO trends. I enjoy trying tools to find more efficient ways to program.

**Higher Education** experience first as an Adjunct Lecturer, presently as the Digital/Web Development Specialist at Hartwick College. Currently participating in several strategic planning committees and leading **professional development** workshops.

## Employment History

**Digital/Web Development Specialist** *Hartwick College / Nov 2016 – Present*

Reporting to the Executive Director of Information Technology; I plan, implement and manage all digital/web solutions that further Hartwick College's goals, engage site visitors and **enhance the overall user experience**.

Collaborate with project teams from all departments as well as external vendors, to quantify effort, establish time-lines, and deliver solutions. Negotiating with colleagues and stakeholders to arrive at the best solution.

Supervise the Web Administrator position while developing new and enhanced content experiences, and always ensuring **ADA Compliance** across web properties.

Involved in the campus community – participating in the Campus Wide Assessment Committee, Hartwick 225 "Putting Students First" Strategic Planning Committee, Staff Council and the Professional Development Committee.

**Freelance Software Developer** *Remote / Dec 2013 – Present*

**Responsive WordPress** theme and plugin development. **Social Media** setup and online marketing plan assistance. Basic logo and **graphic design** work for web site clients. Options for continued website updates / management or staff training..

Created a membership site for a trivia contests (TriviaJoint.com) including event hosting interfaces using **AngularJS**, **JQuery** and **Datatables**.

Built a tool used to analyze the accuracy news articles and a **PHP REST API** that backs the EthicalMedia.org subscription website. Wrote API documentation for other developers using **APIDocJS** and **PHPDocs**.

**NodeJS** and **ExpressJS** API development for use with phone applications.

Leveraging of **LESS CSS** compiler, **Grunt** task runner, **Composer** and **Bower** dependency management, and many other tools to be increase efficiency.

## Education

### **B.S. in Information Science Concentration in Web Development**

Hartwick College  
Oneonta New York

June 2008

### **B.A. in Studio Art Concentration in Digital Design**

Hartwick College  
Oneonta New York

June 2008

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## Employment History (continued)

### **Front-End Software Developer**

*Valogix / Feb 2014 – Nov 2014*

Software and User Interface Development for the Valogix Inventory Planner Enterprise Edition V8; a Web based/multi-tier architecture designed for ease of use and delivery of real time interactive content.

Updated a legacy JSP user interface to a single page app using **Angular, Require, Handlebars, D3 Graphs** and **JQuery Datatables**.

Automated with **Gradle** and source code tracked with **Subversion**.

### **Web Application Developer**

*Internet Marketing Ninjas / Oct 2012 – Jan 2014*

Created the “Google Webmaster - Backlink Disavow Tool” using **PHP, AngularJS** and **MySQL**. Users upload a .csv export of Backlink URL's from Google Webmaster Tools; triggering a bot to visit (**PHP CURL**) each URL, look for key indicators on the page, compare this with data from several third party **REST API's** and evaluate the quality of that backlink. Users are notified when the process finished as the .csv exports could be up to 10,000 links at a time.

Implemented a work queue system with **NodeJS, RabbitMQ**, and **ExpressJS** to create a REST API allowing users to run jobs and retrieve data from **MongoDB**.

Worked with **LAMP** and **MEAN** stacks, and used **Git** and **Jira** daily on Linux.

### **iOS App Developer**

*Future Media Interactive / Sep 2011 – Sep 2012*

Through self-directed research I educated myself iOS development, becoming a Registered Apple Developer within the first three months of my employment.

Helped produce several highly interactive apps using **Objective-C, UIKit** and **Cocos2D**. Much emphasis and practice was on resource management to ensure consistent performance across multiple platforms.

Collaborated to update a custom course management system called Course 321 Calc for nursing students and professors using **C#.Net, SQL, Node**.

Single page application development with **Backbone, Underscore**, and **Handlebars**. **Jenkins** used for **automated testing** and **continuous integration**.

### **Developer and Project Manager**

*Directive Technologies / Aug 2010 – Sep 2011*

Built a bridge between **Moodle** and **Joomla** creating a single sign on and data synchronization across the platforms.

Taught the programming team, including international members, how to use version control. Put into effect a **Git Workflow** that allowed for cleaner collaboration.

Implemented a central code repository for the companies multiple untracked projects that were being submitted via zip files several times daily.

### **Adjunct Lecturer**

*Hartwick College / Aug 2009 – May 2010*

Lectured 3 courses – CISC-225: Advanced Programming Techniques, CISC-118: Game Programming, and CISC-115: Introduction to Web Development – on 5 occasions.

Responsible for textbook selection, created class presentations, assessments and tests. Providing the opportunity for each student to have one on one assistance.

Worked with the department to help set the curriculum for the following semester.