# Jon David Koon - Software Developer

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## Background

I'm an Atlanta based software developer with a focus in web development. I enjoy creating highly responsive, usable, beautiful, well architected, and maintainable applications that solve real problems.

## Education

Georgia Institute of Technology, Atlanta, GA  
Bachelor of Science in Computer Science, December 2009

## Skills

**Programming**  
JavaScript, Python, C#, Java, PHP, C, Bash, Perl, SQL, Razor

**Web Frameworks**  
Django, ASP.Net MVC3, Spring MVC, Drupal

**Frontend**  
JavaScript, jQuery, jQuery UI, QUnit, Backbone.js, Underscore.js, KnockoutJS, Canvas  
HTML, CSS, Less, SCSS, Twitter Bootstrap, Blueprint.css, Modernizr, HTML5 Boilerplate

**Server**  
Ubuntu Linux  
Nginx, Apache  
MySQL, Postgres, SQL Server, Oracle  
Amazon EC2, Rackspace Cloud, Google App Engine

**Tools**  
Vim, Visual Studio, Eclipse  
Mercurial, Git, SVN, CVS  
Virtual Box, Vagrant

## Experience

### The Proven Method, Atlanta, GA

#### Software Developer, March 2009 - Present

##### Projects

* Lead frontend engineering and backend rewrite for a store diagramming, data gathering, and reporting tool for The Home Depot using Django, jQuery UI, and Backbone.js
* Lead frontend development for a custom enterprise resource planning system utilizing Twitter Bootstrap, Backbone.js, jQuery, ASP.Net MVC3, and Razor
* Worked with a distributed team as frontend architect to develop and deploy the Management Performance Dashboard for Aaron Rents
* Provided consulting and e-commerce development for the redesign of whiteoakpastures.com in partnership with Green Olive Media
* Architected and developed a peer-to-peer business intelligence platform for Aaron Rents utilizing ASP.Net MVC 3, C#, SQL Server, jQuery, and KnockoutJS
* Championed and developed custom tachometer widget for use with Aarons Management Performance Dashboard using HTML5 Canvas
* Developed cascading list jQuery widget modeled after OSX's Finder for Aaron Rents
* Prototyped web based means to communicate with a user's local hardware using Java Applets and Node.js
* Designed, built, and documented four web services for the Administrative Office of the Courts to securely transmit traffic citation data
* Programmed a Probate Court Information System capable of managing information, generating forms, reports, and receipts

##### Improvement

* Helped CIO and Account Manager in multiple presales meetings to win a multi-million dollar contract
* Mentored and trained entry level developers and interns
* Orchestrated and performed migration of company email accounts to Google Apps while keeping business running through the process
* Presented technical talks to non-technical recruiters on topics such as: HTML5, version control, and web application architecture
* Integrated existing static company website into the Drupal content mangement system
* Designed company blog and wrote posts on hyrbid mobile applications and the current browser wars

### The Creative Circus, Atlanta, GA

#### Interactive Development Instructor, July 2011 - April 2012

* Taught an intro to programming course using JavaScript
* Created curriculum from the ground up
* Customized Python based html5 slide generation software to create interactive JavaScript lecture notes
* Built and maintained class website

### Jon D Koon Development & Design, Atlanta, GA

#### Freelancer, Decemeber 2008 - Present

* Launched redesign of ProcessLogic.net, an IT services company
* Implemented and designed thegreenflue.com a Drupal based E-Commerce web site on self managed Linux VPS

### Tailored Technologies Incorporated, Roswell, GA

#### Software Developer, May 2007 - December 2008

* Programmed and designed basecamp style file and messaging system with sophisticated permissions for the Southern Regional Testing Agency
* Built fault tolerant SMS messaging system and SMS testing tools
* Designed and developed easy website creation tool to be bundled with Office in a Box product
* Designed 4 websites using Drupal CMS with custom PHP, HTML, CSS, Javascript

### Siemens Energy and Automation, Alpharetta, GA

#### Intern, May 2006 - August 2006

* Researched help authoring tools for the learning services department
* Assisted Six Sigma black belt to find a bottle neck in the product ordering software

## Activities

* President of Georgia Tech Association for Computing Machinery, August 2006 - May 2008
* Technology Chair for Theta Xi Fraternity, August 2006 - 2008