

Todd R. Coulson

15 Valentine Rd. Ivyland, PA

(267) 280-3679

tcoulson@gmail.com

Computer Experience

Development: JQuery, JavaScript, AngularJS, Adobe Flash, CSS, HTML 5, Adobe Flex (Flash Builder), SQL, ActionScript, PHP, Eclipse, Director, Subversion, Git.

Graphic Design: Adobe Photoshop, Adobe Fireworks, Illustrator.

Theory & Framework: Design Patterns, MVC, OOP, Agile Development, SCRUM.

Work History

Feith Systems • Fort Washington, PA • Solutions Developer • 2/2016-8/2016

- Built Time Management system using Full Stack development skills.
- Learned in house products to create client project.

Fulcrum Tech • Doylestown, PA • Senior Developer • 4/2015-1/2016

- Create HTML emails and test on multiple email clients.
- Work with Exact Target to create data relationships for various email scenarios.
- Utilized NodeJS to create a ClientFileChecker for verification of data types.

Brookwood Media Arts • Lower Gwynedd, PA • Senior Technology Manager • 5/2013-3/2015

- Project managed large scale projects with teammates to create timely and professional projects.
- Researched and developed projects dealing with Adobe Connect, Laravel, MOOCS and Blackboard CourseSites. Discovered solutions for clients specific needs related to their LMS integration needs.
- Worked with JavaScript, HTML, CSS, SASS, Twitter Bootstrap and Laravel PHP framework to build Training Center for US Compliance Systems.
- Devised a system to work with Yeoman and Node JS to develop wireframes for the client.

Vanguard via TCS • Malvern, PA • Interactive Developer • 10/2012-5/2013

- Worked with team to recreate interactive graphs, charts, and formulas.
- Applied knowledge of JavaScript, JQuery, CSS and HTML5 concepts into everyday work.

PointRoll • King of Prussia, PA • Interactive Developer • 3/2011-7/2012

- Developed with several versions of in house flash api to build advertisements.
- Assisted with and built unit test for Creative Manager product support.
- Worked in an agile environment. Completed one day training in agile development.
- Assisted with JavaScript development in MVC architecture for OnPoint product.
- Received Making an Impression award for work on Chrysler campaign.

Blue Diesel • Newtown, PA • Multimedia Developer • 11/2009-2/2011

- Coordinated efforts to create a framework for building common projects in house.
- Developed Flash and Flex projects for wide range of pharmaceutical clients.
- Assisted in efforts to complete page templates for html sites.

Freelance Projects • Various Locations • Multimedia Developer • 1/2009-10/2009

- Pegasus Interactive: Developed with Flex, Blaze DS, and Hibernate for a Garmin project.
- Performance Development Group through Aquent: Worked on a training simulation program for teen drivers.

Comcast Interactive Media • Philadelphia, PA • Flex Engineer • 6/2007-11/2008

- Analyzed and utilized internal frameworks to allow for faster production.
- Created efficient programs using Flex, ActionScript 3, and AIR.
- Utilized Subversion and Eclipse for updating code repositories.
- Responsible for creation and implementation of online poll (Flex), internal management desktop tool (Air), screensaver (Flash).
- Code from projects showcased on Fancast.com and Comcast.net portal site.

Haley Productions • Media, PA • Senior Interactive Developer • 10/1999-6/2007

- Lead Developer on projects for various projects for clients such as AOL, Wyeth Pharmaceutical, and Maryland Science Center, also managed project timelines, deadlines, and project requirements.
- Integrated design patterns to engineer best possible solutions for clients.
- Collaborated closely with design teams using Photoshop and Illustrator to integrate project vision.
- Met with clients to discuss possible solutions for their media marketing needs.

Teaching

Chestnut Hill College • *Chestnut Hill, PA* • 1/2016-Present

- Teaching Web Development with HTML and CSS as adjunct evening professor.

Philadelphia University • *Philadelphia, PA* • 1/2007-8/2008

- Taught Masters level Flash courses with ActionScript to enable students with the ability to create fully interactive game systems, external data manipulation, and event handling.
- Taught Web Development course covering Dreamweaver as the authoring system, and CSS techniques to develop websites without tables.

University of the Arts • *Philadelphia, PA* • 1/2008-8/2008

- Taught Flash ActionScript 2 and 3 for Continuing Education Department.
- In 5 weeks, taught students with little Flash experience and equipped them with skills to create fully developed interactive games.

Wilmington College • *Wilmington, DE* • 8/2004-8/2005

- Taught Flash and Director classes to students obtaining masters degree in Multimedia Production.

Author

Friends of ED • *Various Locations* • 3/2002-12/2002

- Contributing author of "Macromedia Flash MX Components Most Wanted."
- Developed a component to allow for a player chooser at the beginning of games.

Sams Publishing • *Indianapolis, IN* • 12/2001-12/2002

- Contributing author of "Macromedia Flash MX Unleashed."
- Wrote four chapters including Publishing, Approaching ActionScript, Event Handlers, and Flash Debugging.

Example Work

Experimental Websites

<http://www.beginimage.com>

<http://www.annaspaintings.com>

<http://www.judgefinello.com>

<http://italy.beginimage.com>

BeginImage.com is the home for my portfolio site. Judge Finello's site was built as an ongoing project to provide a home base for a political campaign. Anna's Paintings is a site created to showcase an artist's talents through the use of CSS to create a clean site. Italy is a site created to explore possibilities of dynamic photo galleries using Flash, PHP image properties, and fileIO.

Education

Villanova University • *Villanova, PA* • 5/2013

- Masters of Software Engineering. Experience including coding strategies consisting of Database & Computer Systems, Unit Testing, and Test Driven Development. Completed Grand Challenges project entitled *A Study of Responsive Web Design and Flexible Mobile Application Techniques through Recipe Finder* to complete program.

Art Institute of Philadelphia • *Philadelphia, PA* • 12/1999

- Associate of Specialized Technology Degree: Multimedia & Web Design.
- Outstanding Achievement Award awarded to the best overall student portfolio.

Marist College • *Poughkeepsie, NY* • 5/1996

- Bachelor of Science Degree: Business Administration concentrating in Marketing.

Speaking Engagements

Organizations and Institutions: Flash Camp Philly (2010), PACS (Philadelphia Area Computer Society), PANMA (Philadelphia Area New Media Association), Art Institute of Philadelphia.

Continuing Education

Attended: JavaScript Summit (2014), Agile Development Training (2012), Adobe Max (2011, 2008), An Event Apart (2005), Semi-Permanent (2005), FITC (2004), Flash Forward (2003, 2002, 2001, 2000), Photoshop WOW (2003, 2001).