

# Steven L Cooper

## Software Engineer & Web Developer

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## Experience

### 2014 – Present: Cal State Fullerton – Mihaylo College of Business & Economics

- **Senior Web Developer**
  - **Website & Server Management (IIS, SQL Server & vSphere)**
    - Active webmaster & primary admin for entire College of Business website
    - Manage virtual machines with web & data services through vSphere
    - Setup, manage & troubleshoot IIS & SQL server instances
    - Work directly with associate deans & marketing specialist to administrate every aspect of site
    - Manage WordPress servers (Ubuntu) & WordPress blogs
    - Planned & managed server migration of entire website (From Server 2003 to 2012)
  - **Website Development & Engineering (C# [MVC/WebAPI], HTML, JavaScript, XML & SQL)**
    - Spearheaded transition from FrontPage Server Extensions to Visual Studio/TFS Paradigm
    - Wrote custom JavaScript/jQuery template engine to replace SharePoint DWT system
    - Created API's for event tracking & faculty data management using WebAPI 2.0 (C#)
    - Coded XML parsing services for feed syndication, faculty data & site directories
    - Designed & implemented custom CSS/JavaScript build apps for efficient content delivery
    - Supervised, trained & direct student assistants & junior developer
    - Designed & Coded MVC Portion of website & developed automated routing system

### 2010 – 2015: TSG Solutions, Inc.

- **Software Engineering Consultant (2014-2015)**
  - Freelance programming & technical support for in-house apps & MS SQL Server (part-time)
- **Software Engineer (2013-2014)**
  - **Server & Data Management (IIS & MS SQL Server)**
    - Created stored procedures & views for organizing data and serving to ASP & SL5 Apps
    - Setup web applications in IIS Manager for Silverlight, ASP.NET & Web Services
    - Backed-up, restored and upgraded DB's between MS SQL 2005, 2008 & 2012 Servers.
  - **Web Development & Engineering (C#, XAML, PHP, HTML & JavaScript)**
    - Worked with small team on Silverlight & ASP.NET Projects using VS 2012, TFS & IIS 7.5
    - Created web services for CRUD interactions with MS SQL Server & live updating w/SL5
    - Created Windows Forms app for downloading/Installing MS SQL DB's and ZIP files w/assets
    - Designed simple Content Management system for company website in PHP.
    - Created AJAX scripts & UI Manipulation Scripts using JavaScript & the JQuery Library
    - Designed JavaScript-based interface for drawing basic shapes on map imagery with unit read-outs
    - Implemented PHP/JS Turing tests, form validation, username checking & password rating controls
- **Survey Specialist/Web Developer II & III (2010-2013)**
  - Managed quality control groups, trained new hires & approved hardware/software upgrades
  - Worked on internal technical support team for software/hardware issues & database auditing
  - Photographed sites around the world (Europe, Asia & North America) for 360° panoramic imagery
  - Created digital maps in Adobe Illustrator & Edited Photos & UI Assets in Adobe Photoshop

### 2007– 2010: EDMC, A-Plus Education

- **Tutor at A-Plus Education (2009-2010)**
  - Tutored children K-12 in Math and English. Designed curriculum based on California standards
- **Tutor at Education Management Corp. (2007-2009)**
  - Tutored students in 3D Modeling, College English, Image Manipulation & Color Theory

## **Education**

**Master of Science in Software Engineering**

*California State University – Fullerton, 2018*

**Bachelor of Science in Media Arts & Animation**

*The Art Institute of California – Orange County, 2009*

## **Software & Programming Skills**

<b>LANGUAGE</b>	<b>PROFICIENCY</b>	<b>SOFTWARE</b>	<b>PROFICIENCY</b>
C#	Expert	MS Visual Studio	Proficient
PHP	Proficient	MS Expression Blend	Expert
JavaScript	Expert	MS SQL Server Management Studio	Proficient
jQuery Library	Expert	MS IIS Manager (7.5 & 8)	Proficient
SQL	Proficient	MS Word, Excel, PowerPoint & Access	Expert
XAML	Intermediate	Team Foundation Server	Proficient
HTML/CSS	Expert	Adobe Photoshop	Expert
MVC/Razor	Intermediate	Adobe Dreamweaver	Proficient

## **Strengths & Professional Goals**

<b>I DESCRIBE MYSELF AS</b>	<b>MY GOALS INCLUDE</b>
Autodidactic, Precocious and Eager to Learn	Managing Projects & Becoming a Leader
Focused on Self-Improvement and Education	Expanding Database Management Skills
Driven to Solve Problems with Ingenuity	Encouraging Education Development and Growth
Not Discouraged by Complex, Demanding Tasks	Combining Sundry Skillsets in Creative/Innovative Ways
Quiet, Respectful and Understanding	Attaining a Master's Degree in a Computer Science Field
Interested in Science, Art and Literature	Becoming an Educator, Instructor or Leader

## **Certifications & Clearance**

<b>CERTIFICATE</b>	<b>AWARDED</b>
DOD Secret Clearance	2011-2015
Anti-Terrorism Level 1 Awareness Training	2011
Counterintelligence & Threat Awareness Training	2011
USFK TDY Theater-Specific Required Training (Korea)	2012

## **Professional Accomplishments**

- In 2013 I ascended to Software Engineer through self-learning and persistence. Despite unrelated undergraduate degree & little experience I became an important part of the development team.
- In 2014 I took over the responsibilities of 3 different ex-employees & restructured the college's entire development paradigm to a better, more modern one which dramatically increased efficiency.
- In 2016 I trained an intern with relatively little coding experience & gave him a full-stack project to work on for an entire semester. After many lectures & a lot of practice, his skill level increase exponentially & when he graduated he landed an excellent entry-level developer position & thanked our team for helping him grow.