Steven L Cooper

**Developer, Educator, Innovator**

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# Experience

## California State University, Fullerton

### 2019 – Present: Adjunct Lecturer – Cal State Fullerton (Computer Science and College of Business)

* CPSC131 – Data Structures
* CPSC311 – Technical Writing for Computer Science
* CPSC431 – Database and Web Applications
* ISDS411 – Business Application Design

### 2014 – Present: Senior Web Developer – College of Business and Economics at Cal State Fullerton

* Managing multiple Windows VMs with **IIS & MS SQL Server** for the college website (public, staging, data).
* Designed and developed Web API and MVC Razor back-end content for CBE Website **(C#).**
* Designed and developed JavaScript modules for front-end website needs (mostly using latest ES6+ features).
* Working with **Visual Studio** 2019 & Azure/TFS for source control to manage projects.
* Coding small projects in VS Code & utilizing Git/**GitHub** for collaboration on open-source projects.
* Using **Salesforce CRM** for graduate programs: Developing interfaces, custom objects, processes & integration with third party services such as Formstack and Marketing Cloud for admissions and advising.
* Experience creating data extensions, journeys, automations and e-mail templates in Marketing Cloud.
* Creating training materials for Salesforce CRM and **OmniCMS** systems to help staff & faculty.

## TSG Solutions, Inc.

### 2014-2015: Software Engineering Consultant

* Freelance programming and IT support for in-house applications and MS SQL Server (part-time).

### 2013-2014: Software Engineer I

* Worked with a small team on Silverlight & ASP.NET projects for the Department of Defense (contractor).
* Developed several features for custom GIS/Mapping software with 360° panoramic view capabilities.
* Created web services for data/CRUD interactions with remote databases.
* Created Windows Forms app for remotely downloading databases & assets for standalone applications.
* Designed in-house CMS for company website in PHP on IIS.

### 2010 – 2013: Survey Specialist II & III, IT Support

* Managed quality control groups, trained new hires & approved hardware/software upgrades.
* Captured 360° panoramic imagery & collected data around various DOD bases (Asia, Europe, USA).
* Created accurate digital maps in Adobe Illustrator & designed official marketing materials & packaging.
* Audited and managed Databases (Microsoft SQL Server) and wrote stored procedures & queries.

## A-Plus Education, Education Management Corporation

### 2009-2010: Tutor (A-Plus Education)

* Tutored underprivileged students (K-12) in San Bernardino County for NCLB program (Math & English).

# Education

## Master of Science in Software Engineering (2018)

### California State University, Fullerton

## Bachelor of Science in Media Arts & Animation (2009)

### The Art Institute of California – Orange County

# Languages, Software & Libraries

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| C#  PHP  JavaScript  HTML & CSS  SQL  XAML | Visual Studio and VS Code  Expression Blend  MS SQL Server Management Studio  Microsoft Office (Word, PowerPoint, Excel)  Adobe Photoshop  Adobe Dreamweaver | Microsoft MVC/Razor Web API 2.0  jQuery  ES6+ Modules NPM |

# Professional Accomplishments

* 2023: Winner of Creativity and Innovation Award from the college of business, academic year 2022-2023.
* 2023: Completed Open Educational Resources (OER) certificate program.
* 2022: Completed Equitable Pedagogy modules.
* 2021: Completed Accessible Documents Course & received certificate from WebAim/Utah State University.
* 2020: Winner of Creativity and Innovation Award from the college of business, academic year 2020-2021.
* 2018-2021: Received an average GPA of 3.84 in SOQ grades, surpassing the overall average for my department.
* 2015-2022: Consistently rated as “Meets and Frequently Exceeds Expectations” on all performance reviews.
* 2019: Received a 5% merit pay raise for outstanding performance as senior web developer.
* 2018: Worked with student assistant on resume and software skills who subsequently acquired a job as a back-end developer after graduating.
* 2016: Trained student intern with a full-stack web development project for a semester. After many lectures and reviews his skills dramatically improved and he landed an entry-level programming position after graduating.
* 2014: Restructured the college’s entire web development and maintenance paradigm by moving us from Expression Web + FrontPage Server Extensions to a Visual Studio and managed code solution.

# Hobbies & Extracurricular Activities

* Photography
  + Image Processing (Adobe Lightroom)
  + Image Manipulation (Adobe Photoshop)
* Music Production
  + Writing & Composing (Acoustic Guitar, Piano)
  + Mixing and Mastering (Adobe Audition, Cubase Pro)
* Video Editing and Production
  + Filming (Canon 80D, iPhone)
  + Editing & Effects (Adobe Premiere Pro, Adobe After Effects)