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

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

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)