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Summary

RenderCV is a LaTeX-based CV/resume version-control and maintenance app. It allows you to create a high-quality CV or resume as a PDF file from a YAML file, with **Markdown syntax support** and **complete control over the LaTeX code**. The boilerplate content was inspired by [Gayle McDowell](#).

Quick Guide

- Each section title is arbitrary and each section contains a list of entries.
- There are 7 unique entry types: *BulletEntry*, *TextEntry*, *EducationEntry*, *ExperienceEntry*, *NormalEntry*, *PublicationEntry*, and *OneLineEntry*.
- Select a section title, pick an entry type, and start writing your section!
- [Here](#), you can find a comprehensive user guide for RenderCV.

Education

PhD	University College London , Dynamical Systems	Sept 2004 – June 2007
	• Thesis Title	
MSc	University of Bath , Modern Applications of Mathematics	Sept 2003 – Sept 2004
BSc	Imperial College London , Mathematics with Applied Mathematics/Theoretical Physics	Sept 2000 – Sept 2003

Experience

Apple , Software Engineer	Cupertino, CA
<ul style="list-style-type: none"> • Reduced time to render user buddy lists by 75% by implementing a prediction algorithm • Integrated iChat with Spotlight Search by creating a tool to extract metadata from saved chat transcripts and provide metadata to a system-wide search database • Redesigned chat file format and implemented backward compatibility for search 	June 2005 – Aug 2007
National Physical Laboratory , Senior Research Scientist	Teddington, UK
<ul style="list-style-type: none"> • Established measurement-based simulation for nonlinear propagation through complex media for accurate predictions, included in IEC standard. 	2014–2019
Institute of Cancer Research/The Royal Marsden Hospital , Post-Doctoral Research Associate - Focused Ultrasound Group	Sutton, United Kingdom
<ul style="list-style-type: none"> • Development of ultrasound-guided high-intensity focused ultrasound treatment planning system with a multi-element phased-array. 	2011–2014
Post-Doctoral Research Associate - Dept. Mechanical Engineering	London, United Kingdom
<ul style="list-style-type: none"> • Investigation of influence of cavitation on therapeutic ultrasound treatment. 	2018–2011

Publications

3D Finite Element Analysis of No-Insulation Coils	Jan 2004
Frodo Baggins, John Doe , Samwise Gamgee	
10.1109/TASC.2023.3340648	


Projects

Multi-User Drawing Tool

[github.com/name/repo](#) 

- Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized
- Tools Used: C++, MFC

Synchronized Desktop Calendar

[github.com/name/repo](#) 

- Developed a desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users
- Tools Used: C#, .NET, SQL, XML

Custom Operating System

2002

- Built a UNIX-style OS with a scheduler, file system, text editor, and calculator
- Tools Used: C

Technologies

Languages: C++, C, Java, Objective-C, C#, SQL, JavaScript

Technologies: .NET, Microsoft SQL Server, XCode, Interface Builder