

# Sina Sajadmanesh

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## Welcome to RenderCV!

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

Swiss Federal Institute of Technology (EPFL), PhD in Electrical Engineering	May 2019 – Aug 2023
Sharif University of Technology, MSc in Information Technology Engineering	Sept 2014 – Sept 2016
University of Isfahan, BSc in Computer Software Engineering	Sept 2009 – Feb 2014

## Experience

Apple, Software Engineer – Cupertino, CA	June 2005 – Aug 2007
<ul style="list-style-type: none"> <li>• Reduced time to render user buddy lists by 75% by implementing a prediction algorithm</li> <li>• 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</li> <li>• Redesigned chat file format and implemented backward compatibility for search</li> </ul>	
Microsoft, Software Engineer Intern – Redmond, WA	June 2003 – Aug 2003
<ul style="list-style-type: none"> <li>• Designed a UI for the VS open file switcher (Ctrl-Tab) and extended it to tool windows</li> <li>• Created a service to provide gradient across VS and VS add-ins, optimizing its performance via caching</li> <li>• Built an app to compute the similarity of all methods in a codebase, reducing the time from <math>\mathcal{O}(n^2)</math> to <math>\mathcal{O}(n \log n)</math></li> <li>• Created a test case generation tool that creates random XML docs from XML Schema</li> <li>• Automated the extraction and processing of large datasets from legacy systems using SQL and Perl scripts</li> </ul>	

## Publications

3D Finite Element Analysis of No-Insulation Coils	Jan 2004
Frodo Baggins, <i>John Doe</i> , Samwise Gamgee	
10.1109/TASC.2023.3340648 <a href="#">🔗</a>	

## Projects

Multi-User Drawing Tool	github.com/name/repo <a href="#">🔗</a>
<ul style="list-style-type: none"> <li>• Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized</li> <li>• Tools Used: C++, MFC</li> </ul>	
Synchronized Desktop Calendar	github.com/name/repo <a href="#">🔗</a>
<ul style="list-style-type: none"> <li>• Developed a desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users</li> <li>• Tools Used: C#, .NET, SQL, XML</li> </ul>	
Custom Operating System	2002

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

## Technologies

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

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