

# Fabio Calefato

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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

- BS**   **University of Pennsylvania**, Computer Science   Sept 2000 – May 2005
- GPA: 3.9/4.0 ([a link to somewhere](#))
  - **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

## Experience

- Apple**, Software Engineer   Cupertino, CA  
June 2005 – Aug 2007
- 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
- Microsoft**, Software Engineer Intern   Redmond, WA  
June 2003 – Aug 2003
- Designed a UI for the VS open file switcher (Ctrl-Tab) and extended it to tool windows
  - Created a service to provide gradient across VS and VS add-ins, optimizing its performance via caching
  - Built an app to compute the similarity of all methods in a codebase, reducing the time from  $\mathcal{O}(n^2)$  to  $\mathcal{O}(n \log n)$
  - Created a test case generation tool that creates random XML docs from XML Schema
  - Automated the extraction and processing of large datasets from legacy systems using SQL and Perl scripts


## Publications

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

## Projects


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### Multi-User Drawing Tool

[github.com/name/repo](https://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](https://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

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

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